

# MATERIAL SAFETY DATA SHEET

**HAZARD RATINGS**  
**Health:** 2  
**Flammability:** 0  
**Reactivity:** 1  
**Personal Protection:** B

**NOTICE:** Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Rust Out  
Product VOC: 0  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2775  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: February 1, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Oxalic acid	144-62-7	1ppm	2ppm	NE	4
2. Hydroxyacetic Acid	79-14-1	NE	NE	NE	3

## SECTION III.

### HEALTH HAZARD INFORMATION

.....**Primary Routes of Entry:** X Skin X Eyes X Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Corrosive.
- Skin Contact: Corrosive to body tissues. Dermatitis may result from repeated exposure.
- Inhalation: May result in varying degrees of irritation to the respiratory tract tissues.
- Ingestion: **Toxic by ingestion.**

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes.
- ♦ *Skin:* Wash with soap and water.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help immediately.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: NA  
Hazardous combustion products: NA

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

♦ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

♦ *Unusual Fire Fighting Hazard:* Burning may produce CO and CO<sub>2</sub>. Contact with common metals produces flammable and potentially explosive hydrogen gas.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong alkalis, strong oxidizing agents, amines and nitric and sulfuric acid.  
Reactivity, and under what conditions? Reaction with strong alkalis will result in violent reactions with the evolution of heat.  
Hazardous decomposition products: Under fire conditions, product may decompose to CO and CO<sub>2</sub> fumes and acid mist.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves, eye protection and protective clothing.  
Gloves (specify): Chemical resistant gloves  
Eye (specify): Splash proof safety goggles  
Clothing (specify): Apron in handling large amounts.

Respirator (specify): NA  
Footwear(specify): Chemical resistant shoes  
Other: Eye wash and safety shower in immediate area.

## **SECTION IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X. PHYSICAL DATA**

Boiling point: >212°F  
Specific Gravity, (water + 1.0): 1.020  
% Volatile/ volume: 91%  
Solubility: Complete  
*Description/odor: Clear/amber liquid with characteristic odor.*

Vapor Density: (Air = 1): ND  
pH, Neat: <1  
Vapor Pressure: ND  
Evaporation Rate: ND

## **SECTION XI. TOXICOLOGICAL INFORMATION**

- ◆ Effects of acute exposure to product: Corrosive to eyes and skin. **Toxic by ingestion.**
- ◆ Effects of chronic exposure to product: No known chronic affects.

## **SECTION XII. ECOLOGICAL INFORMATION**

Oxalic acid: Ecotoxicity – Shore crab LC50 = 240 mg/L/48H, Chronic plant toxicity = 100 ppm

## **SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills can not occur because of packaging. Dam up spills with inert material, neutralize with mild alkali such as lime, then wash to drain, according to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV. TRANSPORT INFORMATION**

Not regulated by D.O.T.

## **SECTION XV. REGULATORY INFORMATION**

### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed  
SECTION 311: Acute and Chronic Health Hazard  
SECTION 312: Acute and Chronic Health Hazard  
SECTION 313: Not listed  
CERCLA: This product does not have a RQ.  
RCRA: Not listed

## **SECTION XVI. ADDITIONAL INFORMATION**

NONE.....

**The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.**

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.  
SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP)  
REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY  
& HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 2  
Flammability: 0  
Reactivity: 1  
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: De-Grease It  
Product VOC: 0  
Manufacturer's Name: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 094  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: February 4, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Sodium Metasilicate	6834-92-0	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	NE	3-7

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes X Inhalation    Ingestion

◆ *Effects of overexposure:*

- Eye Contact: Corrosive to eyes.
- Skin Contact: Corrosive to body tissues. Dermatitis may result from repeated exposure.
- Inhalation: May cause irritation of respiratory tract.
- Ingestion: May cause abdominal discomfort, nausea, and diarrhea.

## SECTION IV.

### EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes. Get medical help if irritation persists.
- ◆ *Skin:* Wash well with soap and water for 15 minutes.
- ◆ *Inhalation:* Move to fresh air.
- ◆ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: NA  
Hazardous combustion products: NONE

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

◆ *Special Fire Fighting Procedures:* NONE

◆ *Unusual Fire Fighting Hazard:* Contact with some metals, particularly magnesium, aluminum, and zinc (galvanized), can generate hydrogen rapidly, which is explosive.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable

Hazardous polymerization: Will not occur.

Incompatibility with other substances: Concentrated acids, organic material, magnesium, metals, aluminum, zinc (galvanized).

Reactivity, and under what conditions? Prolonged contact with metals such as aluminum, tin, lead, and zinc, may produce flammable hydrogen gas.

Hazardous decomposition products: Thermal decomposition may produce CO<sub>2</sub>, and CO since the product contains organic material.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.

*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves and eye protection.  
Gloves (specify): Chemical resistant gloves  
Eye (specify): Chemical resistant eye ware  
Clothing (specify): Normal material handling clothing.

Respirator (specify): NA  
Footwear (specify): Chemical resistant shoes  
Other: NONE

## **SECTION IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X. PHYSICAL DATA**

Boiling point: >212°F  
Specific Gravity, (water + 1.0): 1.04  
% Volatile/ volume: 88%  
Solubility: Complete

Vapor Density: (Air = 1): ND  
pH, 1% solution: 12.6  
Vapor Pressure: ND  
Evaporation Rate: ND

*Description/odor: Clear/green liquid with a characteristic odor.*

## **SECTION XI. TOXICOLOGICAL INFORMATION**

- ◆ Effects of acute exposure to product: Corrosive to eyes and body tissues.
- ◆ Effects of chronic exposure to product: Dermatitis may result from repeated exposure.

## **SECTION XII. ECOLOGICAL INFORMATION**

Sodium metasilicate: LC50 (96 hour) (Mosquitofish) = 530 mg/L, LC50 (48 hour) (Water Flea) = 113 mg/L (Practically non-toxic)

## **SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Dam up spills with inert material, neutralize with mild acid such as citric acid, then wash to drain, according to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV. TRANSPORT INFORMATION**

Not Regulated.....

## **SECTION XV. REGULATORY INFORMATION**

### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Acute Health Hazard

SECTION 312: Acute Health Hazard

SECTION 313: Not listed

CERCLA: This product is not reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) (40 CFR 261.22)

## **SECTION XVI. ADDITIONAL INFORMATION**

NONE.....

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SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

# MATERIAL SAFETY DATA SHEET

**HAZARD RATINGS**  
**Health:** 1  
**Flammability:** 0  
**Reactivity:** 0  
**Personal Protection:** B

**NOTICE:** Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Digest-It  
Product VOC: NA  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2771  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: February 3, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

CAS #	OSHA/PEL	TLV	STEL	max. %
Contains No Active Hazardous Materials.....				
NOTE: Contains Live Bacteria Cultures				

## SECTION III.

### HEALTH HAZARD INFORMATION

.....**Primary Routes of Entry:** X Skin X Eyes    Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Irritant.
- Skin Contact: Dermatitis may result from repeated exposure.
- Inhalation: None expected.
- Ingestion: May cause irritation to the entire gastrointestinal tract.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes.
- ♦ *Skin:* Wash with soap and water.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Auto-ignition Temperature: NA  
Hazardous combustion products: NONE

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

- ♦ *Special Fire Fighting Procedures:* NONE
- ♦ *Unusual Fire Fighting Hazard:* NONE

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: None.  
Reactivity, and under what conditions? None.  
Hazardous decomposition products: None.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution.

**SECTION VIII.****EXPOSURE CONTROL/PERSONAL PROTECTION**

Personal protective equipment: NA

Gloves (specify): Chemical resistant gloves

Eye (specify): Safety glasses

Clothing (specify): Normal materials handling clothing

Respirator (specify): NA

Footwear (specify): NA

Other: NONE

**SECTION IX.****SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

**SECTION X.****PHYSICAL DATA**

Boiling point: >212<sup>0</sup>F

Specific Gravity, (water + 1.0): 1.007

% Volatile/ volume: 91%

Solubility: Complete

Description/odor: White, opaque liquid with floral odor.

Vapor Density: (Air = 1): ND

pH, Neat: 8.7

Vapor Pressure: ND

Evaporation Rate: ND

**SECTION XI.****TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: May cause irritation to eyes.

◆ Effects of chronic exposure to product: Repeated use may lead to drying or reddening of skin.

**SECTION XII.****ECOLOGICAL INFORMATION**

NOT DETERMINED.....

**SECTION XIII.****ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

**SECTION XIV.****TRANSPORT INFORMATION**

Not regulated by D.O.T.

**SECTION XV.****REGULATORY INFORMATION****SARA TITLE II REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Not listed

SECTION 312: Not listed

SECTION 313: Not listed

CERCLA: This product is not reportable.

RCRA: Not Applicable.

**SECTION XVI.****ADDITIONAL INFORMATION**

NONE.....

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**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM  
(NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS,  
OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91,  
173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 1

Flammability: 2

Reactivity: 1

Personal Protection: B

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## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Dry Solve Plus  
Product VOC: NA  
Manufacturer's Name: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2778  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: February 4, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. 1-chloro-4-(trifluoromethyl)-Benzene	98-56-6	NE	NE	NE	98-100

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes X Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: May be irritating.
- Skin Contact: May be irritating. Prolonged skin contact may result in dermatitis.
- Inhalation: May produce symptoms of CNS depression: headache, dizziness, nausea, and drowsiness.
- Ingestion: May cause damage to the lining of the gastrointestinal tract.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes. If irritation persists, seek medical attention.
- ♦ *Skin:* Wash with soap and water. If irritation develops, seek medical attention.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* **DO NOT GIVE FLUIDS. DO NOT INDUCE VOMITING.** Get medical help immediately.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE LIQUID  
Means of extinction: Foam, dry chemicals, CO<sub>2</sub>, water fog or spray.  
Autoignition Temperature: >500°C  
Hazardous combustion products: Gases of chlorine and fluorine.

Flash Point: 109°F Closed Cup  
Upper Flammability Limit (% by volume): 10.5  
Lower Flammability Limit (% by volume): 0.9

- ♦ *Special Fire Fighting Procedures:* Wear NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.
- ♦ *Unusual Fire Fighting Hazard:* Combustible liquid, keep away from heat and open flames. Heavy vapors can travel to source of ignition and flash back.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong oxidizing agents.  
Conditions to avoid: Combustible – avoid heat, spark and flame.  
Hazardous decomposition products: Gases of chlorine and fluorine.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Respirator (specify): NIOSH, if ventilation inadequate

Eye (specify): Chemical resistant eye ware/face shield

Footwear (specify): Chemical resistant shoes

Clothing (specify): Normal materials handling clothing.

Other: Always provide adequate ventilation.

## **SECTION IX.**

### **SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X.**

### **PHYSICAL DATA**

Boiling point: >212°F

Vapor Density: (Air = 1): 6.2

Specific Gravity, (water + 1.0): 1.34

pH, Neat: NA

% Volatile/ volume: Negligible

Vapor Pressure: 5.3 mm Hg @ 20°C

Solubility: 29 ppm @ 23°C

Evaporation Rate (n-butyl acetate=1): 0.9

Description/odor: Clear, colorless liquid with naphthalenic odor.

## **SECTION XI.**

### **TOXICOLOGICAL INFORMATION**

♦ Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.

♦ Effects of chronic exposure to product: Prolonged skin contact may result in dermatitis. May produce symptoms of CNS depression: headache, dizziness, nausea, and drowsiness.

## **SECTION XII.**

### **ECOLOGICAL INFORMATION**

LC50 (96 hr.) Rainbow Trout = 13.5 mg/L, LC50 (96 hr.) Bluegill Sunfish = 12.0 mg/L

Biodegradation: inconclusive due to volatility.

## **SECTION XIII.**

### **ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Eliminate all ignition sources. Material should be soaked onto absorbent and shoveled into metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV.**

### **TRANSPORT INFORMATION**

Hazardous according to Table 49 CFR 172.101: **COMBUSTIBLE LIQUID N.O.S. (Parachlorobenzotrifluoride), COMBUSTIBLE LIQUID, UN 1993, III.**

**Combustible Liquid:** This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less.

## **SECTION XV.**

### **REGULATORY INFORMATION**

#### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Delayed Health, Fire Hazard

SECTION 312: Delayed Health, Fire Hazard

SECTION 313: Not listed

CERCLA: Not Reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

## **SECTION XVI.**

### **ADDITIONAL INFORMATION**

NONE.....

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# MATERIAL SAFETY DATA SHEET

**HAZARD RATINGS**  
**Health:** 2  
**Flammability:** 2  
**Reactivity:** 0  
**Personal Protection:** B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Extract Plus  
Product VOC: 6%  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2779  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: February 1, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %	
1. Propylene glycol monomethyl ether	107-98-2	100 ppm		100 ppm	150 ppm	8

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

#### ◆ *Effects of overexposure:*

- Eye Contact: Liquid may cause mild eye irritation with redness, pain and tearing.
- Skin Contact: Causes defatting of the skin which can lead to irritation and dermatitis.
- Inhalation: Vapors or mists in large amounts may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in CNS depression.
- Ingestion: Swallowing large amounts may be harmful.

## SECTION IV.

### EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes. Seek medical attention if irritation persists.
- ◆ *Skin:* Wash with soap and water. Seek medical attention if irritation persists.
- ◆ *Inhalation:* Move to fresh air.
- ◆ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: ND  
Hazardous combustion products: Oxides of carbon, nitrogen and sulfur, ammonia.  
◆ *Special Fire Fighting Procedures:* Wear NIOSH approved pressure self-contained breathing apparatus and full protective clothing.  
◆ *Unusual Fire Fighting Hazard:* NONE.

Flash Point: 150° F  
Upper Flammability Limit (% by volume): ND  
Lower Flammability Limit (% by volume): ND

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong oxidizing agents, acids and cationic material.  
Reactivity, and under what conditions? NONE.  
Hazardous decomposition products: Oxides of carbon, nitrogen and sulfur, ammonia.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

**SECTION VIII.****EXPOSURE CONTROL/PERSONAL PROTECTION**

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Eye (specify): Chemical resistant eye ware

Clothing (specify): Normal materials handling clothing.

Respirator (specify): NA

Footwear (specify): Chemical resistant shoes

Other: NONE

**SECTION IX.****SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

**SECTION X.****PHYSICAL DATA**

Boiling point: >212°F

Specific Gravity, (water + 1.0): 1.077

% Volatile/ volume: 80%

Solubility: Complete

*Description/odor: Slightly hazy, pale yellow liquid with lemon odor.*

Vapor Density: (Air = 1): ND

pH, Neat: 9.0

Vapor Pressure: ND

Evaporation Rate: slower than butyl acetate

**SECTION XI.****TOXICOLOGICAL INFORMATION**

♦ Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.

♦ Effects of chronic exposure to product: Prolonged skin contact may result in defatting of the skin, which can lead to dermatitis. High vapor concentrations may result in CNS depression.

**SECTION XII.****ECOLOGICAL INFORMATION**

NOT DETERMINED.....

**SECTION XIII.****ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

**SECTION XIV.****TRANSPORT INFORMATION**

Hazardous according to Table 49 CFR 172.101: **COMBUSTIBLE LIQUID, N.O.S. (1-Methoxy-2-Propanol), COMBUSTIBLE LIQUID, UN 1993, III.**

**Combustible Liquid:** This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less.

**SECTION XV.****REGULATORY INFORMATION****SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Fire hazard

SECTION 312: Fire hazard

SECTION 313: Not listed

CERCLA: Not Reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

**SECTION XVI.****ADDITIONAL INFORMATION**

NONE.....

**The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.**

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 2  
Flammability: 2  
Reactivity: 0  
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Extracto  
Product VOC: 21.4 g/l  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2235  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: December 7, 2002

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Propylene glycol monomethyl ether	107-98-2	100 ppm	100 ppm	150 ppm	4

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

#### ◆ *Effects of overexposure:*

- Eye Contact: Liquid may cause mild eye irritation with redness, pain and tearing.
- Skin Contact: Causes defatting of the skin which can lead to irritation and dermatitis.
- Inhalation: Vapors or mists in large amounts may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in CNS depression.
- Ingestion: Swallowing large amounts may be harmful.

## SECTION IV.

### EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes. Seek medical attention if irritation persists.
- ◆ *Skin:* Wash with soap and water. Seek medical attention if irritation persists.
- ◆ *Inhalation:* Move to fresh air.
- ◆ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: ND  
Hazardous combustion products: Carbon monoxide, carbon dioxide.

Flash Point: 150° F  
Upper Flammability Limit (% by volume): ND  
Lower Flammability Limit (% by volume): ND

- ◆ *Special Fire Fighting Procedures:* NONE.
- ◆ *Unusual Fire Fighting Hazard:* NONE.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong oxidizing agents.  
Reactivity, and under what conditions? NONE.  
Hazardous decomposition products: Carbon dioxide, and carbon monoxide.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves and eye protection.  
Gloves (specify): Chemical resistant gloves  
Eye (specify): Chemical resistant eye ware  
Clothing (specify): Normal materials handling clothing.

Respirator (specify): NA  
Footwear (specify): Chemical resistant shoes  
Other: NONE

## **SECTION IX.**

### **SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X.**

### **PHYSICAL DATA**

Boiling point: >212°F  
Specific Gravity, (water + 1.0): 1.02  
% Volatile/ volume: 83%  
Solubility: Complete  
*Description/odor: Clear yellow liquid with alcohol-like odor.*

Vapor Density: (Air = 1): ND  
pH, Neat: 8.3  
Vapor Pressure: ND  
Evaporation Rate: slower than butyl acetate

## **SECTION XI.**

### **TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.  
◆ Effects of chronic exposure to product: Prolonged skin contact may result in defatting of the skin, which can lead to dermatitis.  
High vapor concentrations may result in CNS depression.

## **SECTION XII.**

### **ECOLOGICAL INFORMATION**

NOT DETERMINED.....

## **SECTION XIII.**

### **ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV.**

### **TRANSPORT INFORMATION**

Hazardous according to Table 49 CFR 172.101: **COMBUSTIBLE LIQUID, N.O.S. (1-Methoxy-2-Propanol), COMBUSTIBLE LIQUID, UN 1993, III.**

**Combustible Liquid:** This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less.

## **SECTION XV.**

### **REGULATORY INFORMATION**

#### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed  
SECTION 311: Fire hazard  
SECTION 312: Fire hazard  
SECTION 313: Not listed

CERCLA: Not Reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

## **SECTION XVI.**

### **ADDITIONAL INFORMATION**

NONE.....

**The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.**

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.  
SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM  
(NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS,  
OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91,  
173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 2  
Flammability: 1  
Reactivity: 0  
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Fabric Protector  
Product VOC: 15.5 g/l  
Manufacturer's Name: Kor-Chem, Inc.  
Manufactured For: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076

Product Identification #(PIF): 618  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: June 11, 2003

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
Dipropyleneglycol methyl ether	34590-94-8	NE	100 ppm	150 ppm	2

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

#### ◆ Effects of overexposure:

- Eye Contact: Liquid may cause eye irritation with redness, pain and tearing.
- Skin Contact: Causes defatting of the skin which can lead to irritation and dermatitis.
- Inhalation: Vapors may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in CNS depression.
- Ingestion: May cause diarrhea, nausea and vomiting, irritation of mouth and throat, and CNS depression.

## SECTION IV.

### EMERGENCY FIRST AID

- ◆ Eyes: Flush well with water for at least 15 minutes. If irritation persists, get medical help
- ◆ Skin: Wash with soap and water.
- ◆ Inhalation: Move to fresh air.
- ◆ Ingestion: Consult a medical facility or poison control to determine whether to induce vomiting.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: NA  
Hazardous combustion products: Carbon monoxide and carbon dioxide.

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

- ◆ Special Fire Fighting Procedures: Firefighters should wear full face, self-contained breathing apparatus and impervious protective clothing.
- ◆ Unusual Fire Fighting Hazard: NONE.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong oxidizing agents, inorganic bases and inorganic acids.  
Conditions to avoid: Heat, static electricity, sparks and flames.  
Hazardous decomposition products: Carbon dioxide and carbon monoxide.

## SECTION VII.

### HANDLING & STORAGE

Storage: Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
Handling: Do not premix with other chemicals. Exercise reasonable care and precaution.

**SECTION VIII.****EXPOSURE CONTROL/PERSONAL PROTECTION**

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Respirator (specify): NIOSH, if ventilation inadequate

Eye (specify): Chemical resistant eye ware

Footwear (specify): Chemical resistant shoes

Clothing (specify): Normal materials handling clothing.

Other: Always provide local exhaust ventilation.

**SECTION IX.****SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

**SECTION X.****PHYSICAL DATA**

Boiling point: >212°F

Vapor Density: (Air = 1): ND

Specific Gravity, (water + 1.0): 1.007

pH, Neat: 8.15

% Volatile/ volume: 95%

Vapor Pressure: ND

Solubility: Complete

Evaporation Rate: Slower than butyl acetate.

Description/odor: White, opaque liquid with aromatic odor.

**SECTION XI.****TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.

◆ Effects of chronic exposure to product: Prolonged skin contact lead to dermatitis and CNS depression.

**SECTION XII.****ECOLOGICAL INFORMATION**

NOT DETERMINED.....

**SECTION XIII.****ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

**SECTION XIV.****TRANSPORT INFORMATION**

Not regulated by D.O.T.

**SECTION XV.****REGULATORY INFORMATION****SARA TITLE II REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Not listed

SECTION 312: Not listed

SECTION 313: Not listed

CERCLA: This product is not reportable.

RCRA: Not Applicable.

**SECTION XVI.****ADDITIONAL INFORMATION**

NONE.....

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM  
(NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS,  
OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91,  
173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 1  
Flammability: 0  
Reactivity: 0  
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Foam Down  
Product VOC: 0  
Manufacturer's Name: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 701  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Chad Parson  
Date Prepared: May 17, 2000

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
Contains No Active Hazardous Materials.....					

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Slight irritation.
- Skin Contact: Dermatitis may result from repeated exposure.
- Inhalation: None expected.
- Ingestion: May cause irritation to the entire gastrointestinal tract.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes.
- ♦ *Skin:* Wash with soap and water.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: NA  
Hazardous combustion products: NONE

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

- ♦ *Special Fire Fighting Procedures:* NONE
- ♦ *Unusual Fire Fighting Hazard:* NONE.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: None.  
Reactivity, and under what conditions? None.  
Hazardous decomposition products: None.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Eye protection  
Gloves (specify): NA  
Eye (specify): Chemical resistant eye ware  
Clothing (specify): Normal materials handling clothing

Respirator (specify): NA  
Footwear (specify): NA  
Other: NONE

## **SECTION IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X. PHYSICAL DATA**

Boiling point: >212°F  
Specific Gravity, (water + 1.0): 1.00  
% Volatile/ volume: 1%  
Solubility: Dispersible  
*Description/odor: White liquid with no odor.*

Vapor Density: (Air = 1): ND  
pH, Neat: 7.5-8.9  
Vapor Pressure: ND  
Evaporation Rate: Slower than butyl acetate.

## **SECTION XI. TOXICOLOGICAL INFORMATION**

- ◆ Effects of acute exposure to product: May cause irritation to eyes.
- ◆ Effects of chronic exposure to product: Repeated use may lead to drying or reddening of skin.

## **SECTION XII. ECOLOGICAL INFORMATION**

NOT DETERMINED.....

## **SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV. TRANSPORT INFORMATION**

Not regulated by D.O.T.

## **SECTION XV. REGULATORY INFORMATION**

### **SARA TITLE II REPORTING REQUIREMENTS**

SECTION 302: Not listed  
SECTION 311: Not listed  
SECTION 312: Not listed  
SECTION 313: Not listed  
CERCLA: This product is not reportable.  
RCRA: Not Applicable.

## **SECTION XVI. ADDITIONAL INFORMATION**

NONE.....

**The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.**

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.  
SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM  
(NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS,  
OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91,  
173.310.

# MATERIAL SAFETY DATA SHEET

**HAZARD RATINGS**  
**Health:** 2  
**Flammability:** 0  
**Reactivity:** 1  
**Personal Protection:** B

**NOTICE:** Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: HD Spot Out  
Product VOC: 0  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2558  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: October 20, 2004

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Hydrogen Peroxide	7722-84-1	1 ppm	1 ppm	NE	1-5

## SECTION III.

### HEALTH HAZARD INFORMATION

.....**Primary Routes of Entry:** X Skin X Eyes    Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Corrosive.
- Skin Contact: Corrosive. Dermatitis and bleaching of skin and hair may result from repeated exposure.
- Inhalation: May result in varying degrees of irritation to the respiratory tract tissues.
- Ingestion: May cause irritation to the upper gastrointestinal tract with pain, distention due to liberation of oxygen.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes. Get medical help.
- ♦ *Skin:* Wash with soap and water for at least 15 minutes. Get medical help if irritation develops.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Use only water.  
Autoignition Temperature: NA  
Hazardous combustion products: NA

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

- ♦ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus and protective clothing.
- ♦ *Unusual Fire Fighting Hazard:* On decomposition, H<sub>2</sub>O<sub>2</sub> releases oxygen, which may intensify fire. Contact with clothing or combustibles may cause fire. Effect may be delayed. Contact with organic liquids or vapors may cause immediate fire or explosion, especially if heated.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Flammables/combustibles, cyanides, nitric acid, potassium permanganate, oxidizing and reducing agents.  
Reactivity, and under what conditions? May react dangerously with dirt, rust, dust, iron, copper, heavy metals, alkalis and organic materials.  
Hazardous decomposition products: Oxygen, which supports combustion.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves, eye protection and protective clothing.

Gloves (specify): Chemical resistant gloves (rubber)

Respirator (specify): NA

Eye (specify): Splash proof safety goggles

Footwear (specify): Chemical resistant shoes (rubber)

Clothing (specify): Polyester or acrylic full clothing.

Other: Eyewash and safety shower in immediate area.

## **SECTION IX.**

### **SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X.**

### **PHYSICAL DATA**

Boiling point: >212°F

Vapor Density: (Air = 1): ND

Specific Gravity, (water + 1.0): 1.010

pH, Neat: 4.8

% Volatile/ volume: 97%

Vapor Pressure: ND

Solubility: Complete

Evaporation Rate: Similar to water

*Description/odor: Colorless, clear liquid with floral odor.*

## **SECTION XI.**

### **TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: Severe irritant/corrosive to eyes, skin and gastrointestinal tract. Inhalation of mist or vapors may be severely irritating to nose, throat and lungs.

◆ Effects of chronic exposure to product: Dermatitis and bleaching of skin and hair may result from repeated exposure.

## **SECTION XII.**

### **ECOLOGICAL INFORMATION**

H<sub>2</sub>O<sub>2</sub> in the aquatic environment is subject to various reduction or oxidation processes and decomposes into water and decomposes into water and oxygen. H<sub>2</sub>O<sub>2</sub> half-life in freshwater ranged from 8 hours to 20 days, in air from 10-20 hrs, and in soils from minutes to hours depending upon microbiological activity and metal contaminates.

Catfish 96 Hr Lc50 = 37.4 mg/L

## **SECTION XIII.**

### **ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Dam up spills with inert material. Flood area with water, then wash to drain, according to local, state and federal regulations. May be destroyed with sodium metabisulfite or sodium sulfite (1.9 lb. SO<sub>2</sub> equivalent per lb. of peroxide). Do not release to open, public waters.

## **SECTION XIV.**

### **TRANSPORT INFORMATION**

Not regulated by the D.O.T.

## **SECTION XV.**

### **REGULATORY INFORMATION**

#### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Acute Health, Reactivity and Pressure Hazard

SECTION 312: Acute Health, Reactivity and Pressure Hazard

SECTION 313: Not listed

CERCLA: This product does not have a RQ.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22)

## **SECTION XVI.**

### **ADDITIONAL INFORMATION**

NONE.

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 3

Flammability: 2

Reactivity: 1

Personal Protection: C

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: HD Strip  
Product VOC: 12.3%  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 370  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: February 4, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Ethylene glycol monobutyl ether	111-76-2	50 ppm	20 ppm	ND	4-8
2. Potassium Hydroxide	1310-58-3	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	NE	0-4
3. Monoethanolamine	141-43-5	3 ppm	3 ppm	6 ppm	0-4
4. Isopropyl alcohol	67-63-0	400 ppm	400 ppm	NE	0-4

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Corrosive to eyes.
- Skin Contact: Corrosive to body tissues. Dermatitis may result from repeated exposure.
- Inhalation: May cause irritation to the respiratory tract tissues. High vapor concentrations may cause CNS depression
- Ingestion: May cause irritation and /or burning to the entire gastrointestinal tract; nausea, headache, dizziness, pain bleeding and ulceration. Low to moderately toxic.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes. If irritation persists, seek medical help.
- ♦ *Skin:* Wash with soap and water. If irritation persists, seek medical help.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: ND  
Hazardous combustion products: Oxides of carbon and nitrogen, ammonia. May form peroxides in the presence of air.  
♦ *Special Fire Fighting Procedures:* Wear NIOSH approved pressure self-contained breathing apparatus and full protective clothing.  
♦ *Unusual Fire Fighting Hazard:* Contact with some metals, particularly magnesium, aluminum, and zinc (galvanized), can generate hydrogen rapidly, which is explosive. Vapors can travel to a source of ignition and flash back.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong oxidizing agents, concentrated acids, organic material, ammonia, chlorates, chlorine, metals, ethylene oxide, acetaldehyde, isocyanates, and various food sugar.  
Reactivity, and under what conditions? Reaction with various sugars may form carbon monoxide. When added to water, produces a tremendous amount of heat. Avoid all sources of ignition.  
Hazardous decomposition products: Oxides of carbon and nitrogen, ammonia. May form peroxides in the presence of air.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves, eye protection and protective clothing.

Gloves (specify): Chemical resistant gloves

Respirator (specify): NIOSH, if ventilation inadequate

Eye (specify): Chemical resistant eye ware

Footwear (specify): Chemical resistant shoes

Clothing (specify): Apron

Other: Safety shower/eyewash in immediate area.

Always provide adequate ventilation.

## **SECTION IX.**

### **SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY".

## **SECTION X.**

### **PHYSICAL DATA**

Boiling point: >212°F

Specific Gravity, (water + 1.0): 1.025

% Volatile/ volume: 94.5%

Solubility: Complete

Description/odor: Clear green liquid with butyl odor.

Vapor Density: (Air = 1): ND

pH, Neat: 13.5

Vapor Pressure: ND

Evaporation Rate: ND

## **SECTION XI.**

### **TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: Corrosive to eyes and skin.

◆ Effects of chronic exposure to product: Prolonged skin contact may result in defatting of the skin, which can lead to dermatitis. High vapor concentrations may result in CNS depression.

## **SECTION XII.**

### **ECOLOGICAL INFORMATION**

Ethylene glycol monobutyl ether: Biodegradable. Not significantly toxic to fish and aquatic invertebrates.

## **SECTION XIII.**

### **ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Eliminate all ignition sources. Dam up spills with inert material and neutralize with mild acid such as citric acid. Neutralized material should be soaked onto absorbent and shoveled into waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV.**

### **TRANSPORT INFORMATION**

Hazardous according to Table 49 CFR 172.101: **CORROSIVE LIQUID, N.O.S., (Potassium Hydroxide), 8, UN1760, II.**

## **SECTION XV.**

### **REGULATORY INFORMATION**

#### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Acute and Chronic Health and Fire hazard

SECTION 312: Acute and Chronic Health and Fire hazard

SECTION 313: Listed (Ethylene Glycol Monobutyl Ether, Isopropanol, Diethanolamine)

CERCLA: This product has a RQ of 72,012 lb (32,694 kg) as Potassium Hydroxide and 80,995 lb (36,772 kg) as Ethylene Glycol Monobutyl Ether.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 (Corrosive) and D001 (Ignitable) (40 CFR 261.22)

## **SECTION XVI.**

### **ADDITIONAL INFORMATION**

OSHA List (29 FR 1910.1200) as hazardous chemical.

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 1  
Flammability: 0  
Reactivity: 0  
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: High Gloss 18  
Product VOC: 25.7 g/L  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2599  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: January 27, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. DEG methyl ether	111-77-3	NE	NE	NE	1-5
2. Tributoxylethyl phosphate	78-51-3	NE	NE	NE	0-5
3. Zinc ammonium carbonate	38714-47-5	NE	25 ppm	NE	0-5

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Mild to moderate irritation.
- Skin Contact: Prolonged or repeated contact can cause moderate irritation and dermatitis.
- Inhalation: Excessive inhalation of vapors can cause respiratory tract irritation.
- Ingestion: May cause irritation to the entire gastrointestinal tract, nausea, vomiting and diarrhea.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes. If irritation persists, seek medical help.
- ♦ *Skin:* Wash well with soap and water. If irritation persists, seek medical help.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute. Induce vomiting if victim is conscious. Seek medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE

Means of extinction: Foam, dry chemicals, CO<sub>2</sub>

Autoignition Temperature: NA

Hazardous combustion products: Contains organic material, can release CO<sub>2</sub> if burned.

♦ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus with a full face-piece operated in pressure-demand or other positive pressure mode.

♦ *Unusual Fire Fighting Hazard:* None.

Flash Point: NA

Upper Flammability Limit (% by volume): NA

Lower Flammability Limit (% by volume): NA

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable

Hazardous polymerization: Will not occur.

Incompatibility with other substances: Strong oxidizing agents.

Conditions to avoid: Keep from freezing.

Hazardous decomposition products: Contains organic material, can release CO<sub>2</sub> if burned.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed when not in use. Keep away from heat, flame, or sunlight. Keep from freezing.

*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution.

**SECTION VIII.****EXPOSURE CONTROL/PERSONAL PROTECTION**

Personal protective equipment: Materials handling clothes, rubber gloves and safety glasses.

Gloves (specify): Chemical resistant gloves

Respirator (specify): NA

Eye (specify): Safety glasses or goggles  
shoes

Footwear (specify): Chemical resistant

Clothing (specify): Normal materials handling clothing

Other: Always provide adequate ventilation

**SECTION IX.****SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

**SECTION X.****PHYSICAL DATA**

Boiling point: >212°F

Specific Gravity, (water + 1.0): 1.025

% Volatile/ volume: 79%

Solubility: Complete

Description/odor: White, opaque liquid with characteristic odor.

Vapor Density: (Air = 1): ND

pH, Neat: 8.77

Vapor Pressure: ND

Evaporation Rate: Slower than butyl acetate.

**SECTION XI.****TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: May cause irritation to eyes and skin.

◆ Effects of chronic exposure to product: None.

**SECTION XII.****ECOLOGICAL INFORMATION**

NOT DETERMINED.....

**SECTION XIII.****ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

**SECTION XIV.****TRANSPORT INFORMATION**

Not regulated by D.O.T.

**SECTION XV.****REGULATORY INFORMATION****SARA TITLE II REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Not listed

SECTION 312: Not listed

SECTION 313: Not listed

CERCLA: This product is not reportable.

RCRA: Not Applicable.

**SECTION XVI.****ADDITIONAL INFORMATION**

NONE.....

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM  
(NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS,  
OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91,  
173.310.

# MATERIAL SAFETY DATA SHEET

**HAZARD RATINGS**  
**Health:** 2  
**Flammability:** 2  
**Reactivity:** 0  
**Personal Protection:** B

**NOTICE:** Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Micro Clean  
Product VOC: 3.5%  
Manufacturer's Name: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2777  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: February 4, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Isopropyl alcohol	67-63-0	400 ppm	400 ppm	NE	0-4
2. Dipropylene glycol methyl ether	34590-94-8	NE	100 ppm	150 ppm	0-4

## SECTION III.

### HEALTH HAZARD INFORMATION

.....**Primary Routes of Entry:** X Skin X Eyes X Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Liquid may cause eye irritation with redness, and tearing.
- Skin Contact: Moderately irritating to the skin. Prolonged or repeated contact may result in dermatitis.
- Inhalation: High vapor concentrations may cause irritation to nose, throat, and respiratory tract, CNS depression.
- Ingestion: Swallowing large amounts may be harmful. May cause diarrhea, nausea and vomiting, irritation of mouth and throat, and CNS depression.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes.
- ♦ *Skin:* Wash with soap and water.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Auto-ignition Temperature: ND  
Hazardous combustion products: Carbon monoxide, carbon dioxide.  
♦ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus; avoid breathing vapor/fumes of heated product.  
♦ *Unusual Fire Fighting Hazard:* Vapors of heated product are heavier than air and may travel to ignition sources.

Flash Point: 145<sup>0</sup>F  
Upper Flammability Limit (% by volume): ND  
Lower Flammability Limit (% by volume): ND

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong oxidizing agents, acetaldehyde, acids, chlorine, ethylene oxide, isocyanates.  
Conditions to avoid: Heat, static electricity, sparks and flames.  
Hazardous decomposition products: Carbon dioxide and carbon monoxide.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Eye (specify): Chemical resistant eye ware

Clothing (specify): Normal materials handling clothing.

Respirator (specify): NA

Footwear (specify): No open end shoes

Other: NONE

## **SECTION IX.**

### **SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X.**

### **PHYSICAL DATA**

Boiling point: >212°F

Specific Gravity, (water + 1.0): 1.005

% Volatile/ volume: 93.8%

Solubility: Complete

Description/odor: Clear, colorless liquid with apple odor.

Vapor Density: (Air = 1): ND

pH, Neat: 9.61

Vapor Pressure: ND

Evaporation Rate: ND

## **SECTION XI.**

### **TOXICOLOGICAL INFORMATION**

♦ Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.

♦ Effects of chronic exposure to product: Prolonged or repeated exposure to skin may result in dermatitis. Prolonged or repeated inhalation or ingestion may result in kidney and liver changes.

## **SECTION XII.**

### **ECOLOGICAL INFORMATION**

NOT DETERMINED.....

## **SECTION XIII.**

### **ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Eliminate all ignition sources. Material should be soaked onto absorbent and shoveled into metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV.**

### **TRANSPORT INFORMATION**

Hazardous according to Table 49 CFR 172.101: **COMBUSTIBLE LIQUID N.O.S. (Isopropanol), COMBUSTIBLE LIQUID, UN 1993, III.**

**Combustible Liquid:** This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less.

## **SECTION XV.**

### **REGULATORY INFORMATION**

#### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Immediate, Delayed, Fire

SECTION 312: Immediate, Delayed, Fire

SECTION 313: Listed (Isopropyl alcohol)

CERCLA: This product is not reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

## **SECTION XVI.**

### **ADDITIONAL INFORMATION**

NONE.....

**The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.**

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 2  
Flammability: 2  
Reactivity: 0  
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Odor Out  
Product VOC: 30.0g/l  
Manufacturer's Name: Kor-Chem, Inc.  
Manufactured For: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076

Product Identification #(PIF): 1690  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: June 30, 2003

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Isopropyl alcohol	67-63-0	400 ppm	400 ppm	NE	0-4
2. Amyl acetate	628-63-7	100 ppm	ND	ND	0-4
3. Ethyl acetate	141-78-6	400 ppm	400 ppm	ND	0-4
4. Petroleum distillates	119-36-8	500 ppm	ND	ND	0-4

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

◆ *Effects of overexposure:*

- Eye Contact: Liquid may cause eye irritation with redness, and tearing.
- Skin Contact: Dermatitis may result from repeated exposure.
- Inhalation: Vapors may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in CNS depression.
- Ingestion: May cause irritation to the gastrointestinal tract; nausea.

## SECTION IV.

### EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes.
- ◆ *Skin:* Wash with soap and water.
- ◆ *Inhalation:* Move to fresh air.
- ◆ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Auto-ignition Temperature: ND  
Hazardous combustion products: Carbon monoxide, carbon dioxide.

Flash Point: 118<sup>0</sup> F  
Upper Flammability Limit (% by volume): ND  
Lower Flammability Limit (% by volume): ND

- ◆ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus; avoid breathing vapor or fumes of heated product.
- ◆ *Unusual Fire Fighting Hazard:* Vapors of heated product may be combustible.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Incompatibility with other substances: Avoid contact with strong oxidizing agents.  
Reactivity, and under what conditions? None.  
Hazardous decomposition products: CO<sub>2</sub>, and CO may be produced with thermal decomposition.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.

*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

**SECTION VIII. EXPOSURE CONTROL/PERSONAL PROTECTION**

Personal protective equipment: Eye protection.

Gloves (specify): Chemical resistant gloves

Eye (specify): Chemical resistant eye ware

Clothing (specify): Normal materials handling clothing

Respirator (specify): NA

Footwear (specify): No open-end shoes

Other: Always provide local exhaust ventilation.

**SECTION IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

**SECTION X. PHYSICAL DATA**

Boiling point: >212°F

Specific Gravity, (water + 1.0): 0.998

% Volatile/ volume: 92%

Solubility: Complete

*Description/odor:* Clear, yellow liquid with a bubble gum odor.

Vapor Density: (Air = 1): ND

pH, Neat: 7.6

Vapor Pressure: ND

Evaporation Rate: ND

**SECTION XI. TOXICOLOGICAL INFORMATION**

◆Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.

◆Effects of chronic exposure to product: Dermatitis may result from repeated exposure. Prolonged or repeated inhalation or ingestion may result in kidney and liver changes.

**SECTION XII. ECOLOGICAL INFORMATION**

NOT DETERMINED.....

**SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Eliminate all ignition sources. Material should be soaked onto absorbent and shoveled into waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

**SECTION XIV. TRANSPORT INFORMATION**

Hazardous according to Table 49 CFR 172.101: **COMBUSTIBLE LIQUID N.O.S. (Isopropanol), COMBUSTIBLE LIQUID, UN 1993, III.**

**Combustible Liquid:** This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less.

**SECTION XV. REGULATORY INFORMATION**

**SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Immediate, Delayed, Fire

SECTION 312: Immediate, Delayed, Fire

SECTION 313: Listed (Isopropyl alcohol)

CERCLA: This product is not reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

**SECTION XVI. ADDITIONAL INFORMATION**

NONE.....

**The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.**

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

# MATERIAL SAFETY DATA SHEET

## HAZARD RATINGS

Health: 1  
Flammability: 1  
Reactivity: 0  
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Protector 25  
Product VOC: 63.4 g/L  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 801  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: April 28, 2004

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Diethylene glycol monoethyl ether	111-90-0	NE	NE	NE	8
2. Ammonium hydroxide	1336-21-6	25 ppm	50 ppm	35 ppm	3

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin Absorption X Eyes    Inhalation    Ingestion

#### ♦ Effects of overexposure:

- Eye Contact: May cause eye irritation. If irritation persists, seek medical help.
- Skin Contact: May cause mild irritation.
- Inhalation: High vapors or mists may be harmful. May cause blood changes leading to aplastic anemia, kidney and liver damage.
- Ingestion: Induce vomiting if conscious. Get medical help.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ Eyes: Flush well with water for at least 15 minutes. Get medical help.
- ♦ Skin: Wash well with soap and water.
- ♦ Inhalation: Move to fresh air.
- ♦ Ingestion: Contact physician, medical facility or poison control for advice on whether to induce vomiting.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals.  
Autoignition Temperature: NA  
Hazardous combustion products: Carbon monoxide, carbon dioxide.

Flash Point: Above 200° F  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

- ♦ Special Fire Fighting Procedures: Wear self-contained breathing apparatus; avoid breathing vapor (fumes) of heated product.
- ♦ Unusual Fire Fighting Hazard: NONE.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Acids, acid anhydrides, strong alkalies, strong oxidizing agents, cationic material.  
Conditions to avoid: Heat, flames and sparks.  
Hazardous decomposition products: Thermal decomposition: Carbon dioxide, and carbon monoxide.

## SECTION VII.

### HANDLING & STORAGE

Storage: Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
Protect from freezing.  
Handling: Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Eye (specify): Chemical resistant eye ware

Clothing (specify): Normal materials handling clothing.

Respirator (specify): NA

Footwear (specify): Chemical resistant shoes

Other: Always provide adequate ventilation.

## **SECTION IX.**

### **SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY" Protect from freezing.

## **SECTION X.**

### **PHYSICAL DATA**

Boiling point: >212°F

Specific Gravity, (water + 1.0): 1.037

% Volatile/ volume: 74%

Solubility: Complete

Description/odor: White, opaque liquid with characteristic odor.

Vapor Density: (Air = 1): ND

pH, Neat: 8.6

Vapor Pressure: ND

Evaporation Rate: ND

## **SECTION XI.**

### **TOXICOLOGICAL INFORMATION**

◆ Effects of acute exposure to product: May result in temporary eye and skin irritation.

◆ Effects of chronic exposure to product: May cause blood changes leading to aplastic anemia, kidney and liver damage.

## **SECTION XII.**

### **ECOLOGICAL INFORMATION**

NOT DETERMINED.....

## **SECTION XIII.**

### **ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV.**

### **TRANSPORT INFORMATION**

Not Regulated.

## **SECTION XV.**

### **REGULATORY INFORMATION**

#### **SARA TITLE II REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Immediate, Delayed Health

SECTION 312: Immediate, Delayed Health

SECTION 313: Listed (Diethylene glycol monoethyl ether)

CERCLA: Not applicable

RCRA: Not listed.

## **SECTION XVI.**

### **ADDITIONAL INFORMATION**

NONE.....

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**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM  
(NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS,  
OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91,  
173.310.

# MATERIAL SAFETY DATA SHEET

**HAZARD RATINGS**  
**Health:** 2  
**Flammability:** 0  
**Reactivity:** 1  
**Personal Protection:** B

**NOTICE:** Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Rinse Clean  
Product VOC: 0  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2770  
Emergency Telephone #: 1-800-255-3924  
General Information #: 205-326-3456  
Prepared by: Sonya Lockhart  
Date Prepared: February 1, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Hydroxyacetic Acid	79-14-1	NE	NE	NE	2

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Corrosive.
- Skin Contact: Corrosive to body tissues. Dermatitis may result from repeated exposure.
- Inhalation: May result in varying degrees of irritation to the respiratory tract tissues.
- Ingestion: May cause irritation and /or burning to the entire gastrointestinal tract; nausea, pain and bleeding.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes.
- ♦ *Skin:* Wash with soap and water.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: NA  
Hazardous combustion products: NA

Flash Point: NA  
Upper Flammability Limit (% by volume): NA  
Lower Flammability Limit (% by volume): NA

♦ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

♦ *Unusual Fire Fighting Hazard:* Burning may produce CO and CO<sub>2</sub>. Contact with common metals produces flammable and potentially explosive hydrogen gas.

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Avoid contact with strong alkalis; avoid strong oxidizing agents, amines and nitric acid.  
Reactivity, and under what conditions? Reaction with strong alkalis will result in violent reactions with the evolution of heat.  
Hazardous decomposition products: Under fire conditions, product may decompose to CO and CO<sub>2</sub> fumes and acid mist.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves, eye protection and protective clothing.  
Gloves (specify): Chemical resistant gloves Respirator (specify): NA  
Eye (specify): Splash proof safety goggles Footwear (specify): Chemical resistant shoes  
Clothing (specify): Apron in handling large amounts. Other: Eyewash and safety shower in immediate area.

## **SECTION IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X. PHYSICAL DATA**

Boiling point: >212°F Vapor Density: (Air = 1): ND  
Specific Gravity, (water + 1.0): 1.030 pH, Neat: <1  
% Volatile/ volume: 88% Vapor Pressure: ND  
Solubility: Complete Evaporation Rate: ND  
*Description/odor: Cloudy/amber liquid with characteristic odor.*

## **SECTION XI. TOXICOLOGICAL INFORMATION**

- ◆ Effects of acute exposure to product: Local irritant.
- ◆ Effects of chronic exposure to product: NONE

## **SECTION XII. ECOLOGICAL INFORMATION**

NOT DETERMINED.....

## **SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Dam up spills with inert material, neutralize with mild alkali such as lime, then wash to drain, according to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV. TRANSPORT INFORMATION**

Not regulated by D.O.T.

## **SECTION XV. REGULATORY INFORMATION**

### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed  
SECTION 311: Not listed  
SECTION 312: Not listed  
SECTION 313: Not listed  
CERCLA: This product does not have a RQ.  
RCRA: Not listed

## **SECTION XVI. ADDITIONAL INFORMATION**

NONE.....

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SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)-  
INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM  
(NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS,  
OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91,  
173.310.

# MATERIAL SAFETY DATA SHEET

**HAZARD RATINGS**  
**Health:** 2  
**Flammability:** 2  
**Reactivity:** 0  
**Personal Protection:** B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

## SECTION I.

### PRODUCT IDENTIFICATION

Product Identifier: Traffic Lane Conditioner  
Product VOC: 8%  
Manufactured by: Kor-Chem, Inc.  
Manufactured for: Polymer Concepts, Inc.  
705 Hembree Place, Suite A  
Roswell, GA 30076  
Phone: 678-802-6018

Product Identification #(PIF): 2774  
Emergency Telephone #: 1-800-255-3924  
General Information #: 404-344-9580  
Prepared by: Sonya Lockhart  
Date Prepared: February 1, 2005

## SECTION II.

### HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Propylene glycol monomethyl ether	107-98-2	100 ppm	100 ppm	150 ppm	7
2. Propylene Glycol	57-55-6	NE	NE	NE	3

## SECTION III.

### HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes    Inhalation    Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Liquid may cause mild eye irritation with redness, pain and tearing.
- Skin Contact: Causes defatting of the skin which can lead to irritation and dermatitis.
- Inhalation: Vapors or mists in large amounts may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in CNS depression.
- Ingestion: Swallowing large amounts may be harmful.

## SECTION IV.

### EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes. Seek medical attention if irritation persists.
- ♦ *Skin:* Wash with soap and water. Seek medical attention if irritation persists.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

## SECTION V.

### FIRE & EXPLOSION DATA

Flammability: COMBUSTIBLE  
Means of extinction: Water spray, dry chemicals, CO<sub>2</sub>.  
Autoignition Temperature: ND  
Hazardous combustion products: Carbon monoxide, carbon dioxide.  
♦ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus; avoid breathing vapor (fumes) of heated product.  
♦ *Unusual Fire Fighting Hazard:* NONE.

Flash Point: 150° F  
Upper Flammability Limit (% by volume): ND  
Lower Flammability Limit (% by volume): ND

## SECTION VI.

### REACTIVITY DATA

Chemical stability: Stable  
Hazardous polymerization: Will not occur.  
Incompatibility with other substances: Strong oxidizing agents, strong acids and strong bases.  
Reactivity, and under what conditions? NONE.  
Hazardous decomposition products: Carbon dioxide, and carbon monoxide.

## SECTION VII.

### HANDLING & STORAGE

*Storage:* Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.  
*Handling:* Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

## SECTION VIII.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves and eye protection.

Gloves (specify): Chemical resistant gloves

Eye (specify): Chemical resistant eye ware

Clothing (specify): Normal materials handling clothing.

Respirator (specify): NA

Footwear (specify): Chemical resistant shoes

Other: NONE

## **SECTION IX.**

### **SPECIAL PRECAUTIONS/ OTHER COMMENTS**

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

## **SECTION X.**

### **PHYSICAL DATA**

Boiling point: >212°F

Specific Gravity, (water + 1.0): 1.015

% Volatile/ volume: 90%

Solubility: Complete

Description/odor: Colorless, slightly hazy liquid with mint odor.

Vapor Density: (Air = 1): ND

pH, Neat: 9.59

Vapor Pressure: ND

Evaporation Rate: slower than butyl acetate

## **SECTION XI.**

### **TOXICOLOGICAL INFORMATION**

♦ Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.

♦ Effects of chronic exposure to product: Prolonged skin contact may result in defatting of the skin, which can lead to dermatitis. High vapor concentrations may result in CNS depression.

## **SECTION XII.**

### **ECOLOGICAL INFORMATION**

NOT DETERMINED.....

## **SECTION XIII.**

### **ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION**

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

## **SECTION XIV.**

### **TRANSPORT INFORMATION**

Hazardous according to Table 49 CFR 172.101: **COMBUSTIBLE LIQUID, N.O.S. (1-Methoxy-2-Propanol), COMBUSTIBLE LIQUID, UN 1993, III.**

**Combustible Liquid:** This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less.

## **SECTION XV.**

### **REGULATORY INFORMATION**

#### **SARA TITLE III REPORTING REQUIREMENTS**

SECTION 302: Not listed

SECTION 311: Fire hazard

SECTION 312: Fire hazard

SECTION 313: Not listed

CERCLA: Not Reportable.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

## **SECTION XVI.**

### **ADDITIONAL INFORMATION**

NONE.....

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**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

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