

M A T E R I A L S A F E T Y D A T A S H E E T

CITRUS SPOTTER

PRODUCED BY : S & S Company of Ga., Inc.
(229) 435-8394

SOLD BY: Polymer Concepts, Inc.
255 Buxton Ct. SW
Lilburn, GA 30047

This MSDS sheet is provided to you pursuant to 29 CFR, 1910.1200, the "OSHA Hazard Communication Standard".
This Data Sheet contains confidential product information as well as information regarding personal safety, emergency response for spills of this product, and other environmental information.
This information is for use in your facility for the intended purpose only, and is not for release to individuals outside of your facility, or to other suppliers for product comparison with out our express written consent.

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SECTION I: PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

Product Name: CITRUS SPOTTER
Chemical Name: N/A CAS # : MIXTURE
Chemical Family: Citrus Cleaner NFPA : H-2 /F-2 /R-0 /OTHER-FLAM
Formula: GLYC ETHER, CITRUS OIL, PET DIST
D.O.T. Shipping Name : Flammable Liquid, N.O.S., Mineral Spirits
Hazard Classification: 3, Pg-III, Flammable Liquid U.N. Number: UN-199
Emergency Telephone Numbers: S & S Company of Georgia, Inc. (229) 435-8394

SECTION II. PHYSICAL / ENVIRONMENTAL DATA

PHYSICAL DATA :

Boiling Point @ 760mm Hg: 171 'F	Freezing Point ----- : <32 'F
Specific Gravity (H2O=1): 0.804	Water Solubility ----- : 60%
Vapor Pressure @ 20 C. : <2.0	Vapor Density, (Air=1) : N/D
Volatiles - % by Volume : 98%	Evaporation Rate : N/D
pH : N/A	(Butyl Acetate =1)
Appearance / Odor : Clear, Colorless Liquid / Citrus Odor	

ENVIRONMENTAL DATA :

SARA Reportability ----- : NO	WHMIS Percentage : N/A
Report as cas # : N/A	Subpart Z Status : No
Reportable % : N/A	Clean Air Act : No
Sect. 313 Reportability : NO	TSCA LISTED : Y
Report as cas # : N/A	Carcinogenity : OSHA : No
Reportable % : N/A	NTP : No , IARC : No
RCRA Waste # : N/A	RCRA Reportable Qty. : N/A

SECTION III: HAZARDOUS INGREDIENTS

MINERAL SPIRITS

SYNONYM: Petroleum Spirits, Medium Aliphatic Solvent Naptha

** ACTIVE PERCENT IN FORMULA: 58.0 **

LD50 = .5-5 g/kg
TLV = 100 ppm
STEL = 4-7000/1h
IDLH = N/A
CAS# = 64742-88-7
Hazard: = IRR/INH/ING

ACGIH = N/A
PEL = N/A
NIOSH = N/A
RTECS = N/A
TSCA = Y

D'LIMONENE

** ACTIVE PERCENT IN FORMULA: 41.0 **

SYNONYM: Stripper Oil, 1,8(9)-P-Menthadiene

LD50 = 69 g/kg

TLV = N/A

STEL = N/A

IDLH = N/A

CAS# = 5989-27-5

Hazard: = EYES/FIRE

ACGIH = N/A

PEL = N/A

NIOSH = N/A

RTECS = N/A

TSCA = Y

SECTION IV: FIRE & EXPLOSION HAZARDS

** Flashpoint: 100°F TCC

** Flammable Limits by Air: N/D

** FIRE EXTINGUISHING METHOD:

Alcohol Foam

CO2, (Carbon Dioxide), For Smaller Fires.

Dry Chemical, For Smaller Fires.

** FIRE FIGHTING PROTECTION:

Run-Off May Contain Hazardous Materials And Should Be
Controlled If Necessary.

Wear Bunker Gear

Evacuate Down Wind

Wear SCBA (Self Contained Breathing Apparatus)

** FIRE AND EXPLOSION HAZARDS:

Vapors Are Heavier Than Air And May Travel To Ignition
Source.

Toxic Smoke And Fumes May Be Produced.

Violent Rupture Of Containers Due To Heat Is Possible.

SECTION V: REACTIVITY DATA

** STABILITY: Stable

** Conditions To Avoid:

Contamination From Outside Sources May Affect The
Performance Of This Product.

Mixing With Agents Listed Here May Cause An Unsafe
Reaction Or Give Off Toxic Gasses.

Do Not Mix With Acids.

Keep Away From Fire, Open Flame, Or Any Heat Source.

Do Not Mix With Strong Oxidizers, Nitrites, Or Peroxides

** BYPRODUCTS OF DECOMPOSITION:

Carbon Dioxide Or Carbon Monoxide May Be Formed.

Large Quantities Of Heat May Be Produced.

** HAZARDOUS POLYMERIZATION: Will Not Occur.

SECTION VI.: SPILL OR LEAK PROCEDURES:

CONSULT SECTION VII FOR PROPER SAFETY EQUIPMENT

PERSONAL PROTECTION LEVELS MAY HAVE TO BE INCREASED ACCORDING
TO THE SIZE OF THE SPILL AND THE HAZARDS INVOLVED.

DIKE SPILL AND PROTECT SEWER AND WATER INTAKES UNTIL YOU ARE SURE
OF THE TOTAL CONTENTS OF THE SPILL AS PER 40 CFR

VENTILATE AREA, MONITOR AIR FOR ACCUMULATION OF HAZARDOUS VAPORS
AS PER 29 CFR 1910.120

NOTIFY ALL PROPER AUTHORITIES IF REQUIRED

FOLLOW ENVIRONMENTAL REGULATIONS

For Small Spills Absorb With Compatible Absorbent. Recover
And Place In A Suitable Properly Marked Waste Container.

Dispose Of Properly.

Evacuate Personnel In The Area To A Safe Distance.

Remove All Sources Of Ignition.

Pick Up Bulk Spilled Material With An Explosion-Proof Pump
And Dispense Into A Suitable Clean, Marked Container.
Sweep Or Shovel The Dry Chemical Into A Clean, Marked
Container Using A Nonreactive Nonsparking Shovel.
It Is Important To Minimize Dusting.

* WASTE DISPOSAL:

Follow Local, State, And Federal Disposal Regulations.
Consult S & S Co. For Further Information
Dispose Of Waste In Accordance With Federal, State,
And Local Law.
Incinerate At A Federally Approved Facility.
Land Fill At Secured Approved Landfill.

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SECTION VII: SPECIAL PROTECTION INFORMATION:

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PROTECTION LEVELS SHOULD BE INCREASED ACCORDING TO USE CONDITIONS
UNCOATED TYVEK SHOULD NEVER BE USED FOR CHEMICALS.

** RESPIRATORY:

If Use Conditions Generate A Mist, Spray, Or Dust, An
Appropriate NIOSH-Approved Respirator May Be Required
None Needed For Normal Use.

** SKIN CONTACT:

Nitrile Gloves

** EYE CONTACT:

Chemical Splash Goggles

** VENTILATION:

Adequate For Work Area To Maintain Vapors At A Safe Level
Maintain Levels Below Any Listed TLV'S.

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SECTION VIII: SPECIAL PRECAUTIONS (HANDLING AND STORAGE)

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** SPECIAL PRECAUTIONS:

Do Not Transfer To Containers Not Properly Labeled For
This Product. Triple Rinse Empty Container Before
Disposal To Prevent Possible Chemical Reaction On Reuse
Do Not Contaminate With Dirty Equipment.
EMPTY CONTAINERS MAY CONTAIN HAZARDOUS VAPORS
DO NOT CUT, WELD, OR GRIND ON EMPTY CONTAINERS.
Keep Away From Heat And Flame
** Use This Product At Room Temperature. Do Not Heat.

** OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL AND COMMERCIAL USE ONLY

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SECTION IX: HEALTH HAZARD DATA/ROUTES OF ENTRY:

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** TLV AND SOURCE: N/D

** ACUTE EFFECTS OF OVEREXPOSURE

** INGESTION SYMPTOMS:

ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL PNEUMONIA
Central Nervous System Depressant.
May Cause Diarrhea/Intestinal Distention/Cramps.
Harmful Or Fatal If Swallowed.

May Cause Irritation And Burning Of Membranes In Mouth
& Throat
Slightly Toxic. May Produce Signs Of Intoxication.
May Cause Strong Salivation, Vomiting, Nausea, Drowsiness,
And Fatigue.

* SKIN ABSORPTION And/Or SKIN CONTACT:

Skin Contact May Aggravate Pre-Existing Skin Conditions.
Absorption Can Be Toxic And/Or Fatal.
Continued Or Repeated Contact May Cause Sensitivity
And/Or Dermatitis.
May Cause Irritation/Reddening
Repeated Or Prolonged Contact May Cause Drying, Brittleness,
Cracking, And Irritation Of The Skin.
Prolonged Contact May Cause Severe Burns On Sensitive Skin

** RESPIRATORY:

Breathing May Become Difficult.
May Cause Depression, Dizziness, Confusion, Incoordination,
Unconsciousness.
May Cause Headaches
Overexposure To Vapors Or Fumes May Cause Delayed Damage
And Chemical Pneumonia.

** EYE CONTACT:

May Cause Inflammation Of The Conjunctives.
May Cause Redness/Blurred Vision/Tearing/Burning.
Vapors May Cause Irritation Or Burns.

** CHRONIC EFFECTS OF OVEREXPOSURE:

***** EMERGENCY AND FIRST AID PROCEDURES *****

** INGESTION:

If Vomiting Occurs Spontaneously, Hold Head Lower Than
Hips To Prevent Aspiration.
Rinse Mouth Out And Spit. Do Not Swallow!
Do Not Induce Vomiting. Drink Water Or Milk. Continue
Sipping Fluids Until Medical Help Is Obtained.
Keep Quiet And Treat For Shock. Do Not Speak Except To
Assist In First Aid.

** SKIN CONTACT:

Remove Contaminated Clothing At Once. Blot Wet Chemical
With Compatible Wipe, Or Brush Off Dry Chemical.
Flush With Cold Water For At Least 15 Minutes.
Monitor Victim For Recurring Symptoms.
Clean Contaminated Clothing Before Reuse.
Discard Shoes By Approved Methods. Do Not Reuse.
Wash With Soap And Water. Flush With Cool Clean Water
Until All Chemical Is Removed. Check PH On Skin To Verify

** RESPIRATORY:

Remove To Fresh Air. Loosen Tight Clothing. Treat For
Shock. Give CPR If Necessary. Keep Warm And Quiet.
If Symptoms Persist Or Worsen, Get Medical Attention
At Once.
If Short Of Breath, Give Oxygen If Qualified Personnel
Are Available. If Symptoms Persist, Get Medical Care At
Once.

** EYE CONTACT:

Get Water Into Eyes Immediately. Holding Eyelids Apart,
Continue Flushing Until Medical Help Is Found.
Chemical Antidote Should Only Be Given By A Physician.

* NOTES TO PHYSICIAN:

Gastric lavage with endotracheal tube & activated charcoal
within the first 15 min. If vomiting occurs then give
30-60 ml of fleets PHOSPHO SODA SOLUTION diluted 1:4.

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* OTHER PERTINENT PRODUCT INFORMATION:

NOTE: WHILE S & S COMPANY BELIEVES THAT THE DATA CONTAINED HEREIN
IS FACTUAL AND THE OPINIONS EXPRESSED ARE THE RESULTS OF
THE TESTS CONDUCTED, THE DATA IS NOT INTENDED TO BE
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USE OF THESE DATA AND INFORMATION MUST BE DETERMINED BY
THE USER TO BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE
AND LOCAL REGULATIONS.

ABBREVIATIONS : N/D - Not Determined
 N/A - Not Applicable
