

STINGER Citrus Cleaner Degreaser

Version Number: 1

Preparation date: 2005-08-27

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	STINGER Citrus Cleaner Degreaser
MSDS #:	MS0600118
Product code:	U22639, U22640, U22641
Recommended use:	Industrial .
Manufacturer, importer, supplier:	Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 770-447-9000 MSDS Internet Address: www.unisourcelink.com
Emergency telephone number:	1-800-535-5053

2. HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW

- WARNING
- CONCENTRATE
- CAUSES EYE AND SKIN IRRITATION
- COMBUSTIBLE LIQUID AND VAPOR

Principle routes of exposure:	<ul style="list-style-type: none"> • Eyes • Skin • Inhalation
Inhalation:	• May be irritating to nose, throat, and respiratory tract
Ingestion:	• May be irritating to mouth, throat and stomach
Skin contact:	<ul style="list-style-type: none"> • Moderately irritating to the skin • Prolonged or repeated skin contact may cause allergic reactions in some individuals
Eye contact:	• Severe eye irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS
HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %
Diethanolamine	111-42-2	1 - 5 %
Glycerin	56-81-5	0.1 - 1.5%
Myrcene	123-35-3	0.1 - 1.5%
D-limonene	5989-27-5	5 - 10%
Ethyl alcohol	64-17-5	0.1 - 1.5%

HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Diethanolamine	.62 ml/kg (rat)	7.64 mL/kg (rabbit)	Not available
Glycerin	12.6 g/kg (rat)	10 g/kg (rabbit)	570 mg/m ³ /1H (rat)
Myrcene	5 g/kg (rat)	5 g/kg (rabbit)	Not available
D-limonene	4400 mg/kg (rat)	5 g/kg (rabbit)	Not available
Ethyl alcohol	7060 mg/kg (rat)	Not available	20 g/kg/10H (rat)

4. FIRST AID MEASURES

Eye contact:	<ul style="list-style-type: none"> • Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open • Get medical attention
Skin contact:	<ul style="list-style-type: none"> • Flush immediately with plenty of water • If irritation persists, get medical attention

Inhalation:	<ul style="list-style-type: none"> If breathing is affected, remove to fresh air Get medical attention
Ingestion:	<ul style="list-style-type: none"> Immediately drink one cupful of water or milk Never give anything by mouth to an unconscious person Get medical attention
Aggravated Medical Conditions:	<ul style="list-style-type: none"> Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	<ul style="list-style-type: none"> Use dry chemical, CO2, water spray or "alcohol" foam
Specific hazards:	<ul style="list-style-type: none"> Keep product and empty container away from heat and sources of ignition
Unusual hazards:	<ul style="list-style-type: none"> None known
Specific methods:	<ul style="list-style-type: none"> No special methods required
Special protective equipment for firefighters:	
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear	
Extinguishing media which must not be used for safety reasons:	
No information available	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	<ul style="list-style-type: none"> Put on appropriate personal protective equipment (see Section 8.) Ensure adequate ventilation Remove all sources of ignition Use spark-proof tools and explosion-proof equipment
Environmental precautions and clean-up methods:	<ul style="list-style-type: none"> Clean-up methods - large spillage Prevent product from entering drains Soak up with inert absorbent material Sweep up and shovel into suitable containers for disposal Use a water rinse for final clean-up

7. HANDLING AND STORAGE

Handling:	<ul style="list-style-type: none"> Avoid contact with skin, eyes and clothing Wash thoroughly after handling
FOR COMMERCIAL AND INDUSTRIAL USE ONLY	
Storage:	<ul style="list-style-type: none"> Protect from freezing Keep tightly closed in a dry, cool and well-ventilated place Keep out of the reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	
<ul style="list-style-type: none"> No special ventilation requirements General room ventilation is adequate 	
Personal Protective Equipment	
Eye protection:	<ul style="list-style-type: none"> Safety glasses
Hand protection:	<ul style="list-style-type: none"> Chemical resistant gloves
Skin and body protection:	<ul style="list-style-type: none"> No special requirements under normal use conditions If major exposure is possible, wear suitable protective clothing and footwear Long sleeved clothing Chemical resistant apron
Respiratory protection:	<ul style="list-style-type: none"> No special requirements under normal use conditions
Hygiene measures:	<ul style="list-style-type: none"> Handle in accordance with good industrial hygiene and safety practice



Ingredient	CAS #	ACGIH	OSHA	Mexico
Diethanolamine	111-42-2	2 mg/m ³ (TWA)		
Glycerin	56-81-5	10 mg/m ³ (TWA)	5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust.	10 mg/m ³ (TWA)
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m ³ 1000 ppm	1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Aqueous solution
Color:	Orange	Odor:	Citrus Orange
Specific gravity:	1.013	pH:	10.75
Dilution pH:	No information available	Density:	8.44
Bulk density:	No information available	Vapor density:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
VOC:	6.4 %	Viscosity:	No information available
Solubility in other solvents:	No information available		
Partition coefficient (n-octanol/water):	No information available		
Boiling point/range:	Not determined		
Melting point/range:	Not determined		
Flash point:	131 (°F)55 (°C)		
Decomposition temperature:	Not determined		
Autoignition temperature:	No information available		

10. STABILITY AND REACTIVITY

Stability:	<ul style="list-style-type: none"> The product is stable
Polymerization:	<ul style="list-style-type: none"> Hazardous polymerisation does not occur
Hazardous decomposition products:	<ul style="list-style-type: none"> None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

Acute toxicity	<ul style="list-style-type: none"> Oral LD50 estimated to be greater than 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg
Component Information:	<ul style="list-style-type: none"> See Section 3
Chronic toxicity:	<ul style="list-style-type: none"> None known
Specific effects	
Carcinogenic effects:	<ul style="list-style-type: none"> None known
Mutagenic effects:	<ul style="list-style-type: none"> None known
Reproductive toxicity:	<ul style="list-style-type: none"> None known
Target organ effects:	<ul style="list-style-type: none"> None known

HAZARDOUS COMPONENTS

Ingredient	CAS #	NTP	IARC	OSHA
Ethyl alcohol	64-17-5	Listed.		

12. ECOLOGICAL INFORMATION

Environmental Information:	<ul style="list-style-type: none"> no data available
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	<ul style="list-style-type: none"> Undiluted product is regulated under environmental and transportation laws as an ignitable waste
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14. TRANSPORT INFORMATION

DOT/TDG: • Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

SARA 311/312 Hazard Categories

Immediate:	Y
Delayed:	N
Fire:	Y
Reactivity:	N
Sudden Release of Pressure:	N

Canada

Ingredient	CAS #	NPRI
Diethanolamine	111-42-2	Listed
Alkylphenoxy polyethoxyethanol	127087-87-0	Listed

WHMIS hazard class: Not for sale in Canada .

STATE RIGHT TO KNOW

Ingredient	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Diethanolamine	111-42-2	Listed	Listed	Listed	Listed	Listed	-
Glycerin	56-81-5	-	Listed	Listed	Listed	Listed	-
Cocamide diethanolamine	68603-42-9	-	-	-	-	-	-
Alkylphenoxy polyethoxyethanol	127087-87-0	-	-	-	-	-	-
Water	7732-18-5	-	-	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-	-	-
D-limonene	5989-27-5	Listed	-	-	-	-	-
Ethyl alcohol	64-17-5	Listed	Listed	Listed	Listed	Listed	Listed

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethanolamine	111-42-2	1 - 5 %	100		Listed.
Ethyl alcohol	64-17-5	0.1 - 1.5%	100		

Ingredient	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethanolamine	Listed.		

16. OTHER INFORMATION

HMIS	Health	2	Fire Hazard	2	Reactivity	0
NFPA	Health:	2	Flammability:	2	Instability:	0

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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