

O-mazing

MSDS Number: G700B

Revision Date: 4/9/2014

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Product Name: O-mazing
Revision Date: 4/9/2014
MSDS Number: G700B
Product Code: G700
Product Use: Spray and Wipe Degreaser

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption, ingestion, inhalation, eye
Target Organs: NA
Inhalation: Inhalation of generated mist can cause nasal and respiratory irritation
Skin Contact: May cause irritation
Eye Contact: May cause irritation and burning
Ingestion: Harmful if swallowed.

PERSONAL PROTECTION INDEX									
A									
B		+							
C		+		+					
D		+		+					
E		+		+					
F		+		+		+			
G		+		+					
H		+		+		+			
I		+		+					
J		+		+		+			
K		+		+					
X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions								
A		n		o		p		q	
t		u		w		y		z	
Additional Information									

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GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

- Health, Acute toxicity, 5 Oral
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 B
- Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

- H303 - May be harmful if swallowed
- H315 - Causes skin irritation
- H320 - Causes eye irritation
- H335 - May cause respiratory irritation

GHS Precautionary Statements:

- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
NA 5989-27-5	Surfactant Blend Citrus Terpene	Trade Secret <10%	NA NA	NA NA	D D

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4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical advice/attention.
- Skin Contact:** Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical advice/attention.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.
- Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

5 FIRE FIGHTING MEASURES

- Flammability:** None flammable
- Flash Point:** ND
- Flash Point Method:** ND
- Burning Rate:** ND
- Autoignition Temp:** ND
- LEL:** ND
- UEL:** ND

Extinguishing media: Foam, dry chemical, carbon dioxide, water

Special fire fighting procedures: Full fire-fighting turn out gear and respiratory protection(SCBA).

Unusual Fire & Explosion Hazards: None

6 ACCIDENTAL RELEASE MEASURES

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment(PPE).

7 HANDLING AND STORAGE

Handling Precautions: Use only in well ventilated areas. Do not breathe gas/fumes/vapor/spray. Do not swallow. Do not get in eyes, on skin, or on clothing. Handle all open containers with care. when using do not eat, drink or smoke. Handle in accordance with good Industrial Hygiene and safety practice.

Storage Requirements: Launder contaminated clothing before reuse. Wash hands before eating, drinking or smoking. Keep out of reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool, dry area away from incompatibles.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equip: HMIS PP, B | Goggles, Gloves
 Respiratory Protection: None required under normal use conditions.
 Protective gloves: Chemical resistant, rubber
 Eye protection: Safety glasses/ goggles

Hygienic work practices: Wash hands carefully before eating or smoking.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Slightly hazy, colorless or orange liquid	Odor:	Pleasant citrus
Physical State:	Liquid	Molecular Formula:	NA
Particle Size:	NA	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 1.02 +/- 0.05	Softening Point:	NA
Viscosity:	NA	Percent Volatile:	NA
Sat. Vap. Conc.:	NA	Heat Value:	NA
Boiling Point:	> 212 Deg. F.	Freezing/Melting Pt.:	NA
Flammability:	Not flammable	Octanol:	NA
Vapor Pressure:	ND	Vapor Density:	(Air=1): ND
pH:	11 +/- 1	VOC:	1.3%
Evap. Rate:	NA	Bulk Density:	NA
Molecular weight:	NA		

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STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Heat. Incompatible materials

Materials to Avoid: Strong oxidizers, acids

Hazardous Decomposition: May include and are not limited to: Oxides of carbon and nitrogen

Hazardous Polymerization: Will not occur

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TOXICOLOGICAL INFORMATION

Data for the components of this material is summarized as follows:

Surfactant in Blend:

Oral- LD50: >2000 mg/kg (Rat)

Skin Sensitization- (OECD Sec. 406): Non-skin sensitizing.

Surfactant in Blend:

Oral- LD50 >2000 mg/kg (Rat)

Dermal- LD50 >2000 mg/kg (Rat)

Irritation/corrosion:

Skin- non-irritant (OECD Guideline 404) (Rabbit)

Eye- non-irritant (OECD Guideline 405) (Rabbit)

Sensitization- no sensitizing effect. (Guinea pig maximization test)

Citrus Terpene (5989-27-5)

Acute Effects

Citrus terpenes have been shown to have low oral toxicity (LD50>5 g/kg) and low dermal toxicity (LD50 >5 g/kg) when tested on rabbits. Citrus terpenes also showed low toxicity by inhalation (RD50> 1 g/kg) when tested on mice. the skin irritancy of limonene in guinea pigs and rabbits is considered moderate and low, respectively. Inhalation may cause irritation of the nose, throat and respiratory tract.

Chronic Effects:

This product is not classified as a carcinogen. This product had not been shown to produce genetic changes when tested on bacterial or animal cells. this product does not contain known reproductive or developmental toxins. Prolonged or repeated exposure can cause drying or dermatitis of skin. Improper storage and handling may lead to the formation of a possible skin sensitizer.

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ECOLOGICAL INFORMATION

Data for the components of this material is summarized as follows:

Surfactant in Blend:

Readily Biodegradable as per OECD 301D.

Fish Acute toxicity test, OECD 203: 96 h LC50 70.7 mg/l (rainbow trout)

Surfactant in Blend:

Fish

Acute:

LC50>100 mg/l 96 h (Bracjudamop rerio)

Aquatic Invertebrates

Acute:

EC50 >100 mg/l 48 h

Microorganisms

Toxicity to microorganisms:

DIN 38412 Part 8 EC10 (16 h) : 10 mg/l

Degradability/Persistence

Test Method: OECD 301C, ISO 9408; 92/69/EEC, C.4-F

Method of analysis: DOC reduction

Degree of Elimination: >90%

Test Method: OECD 301A (new version)

Method of analysis: DOC reduction

Degree of Elimination: 90-100% (14d)

Test Method: OECD 301F, ISO 9408; 92/69/EEC, C.4-D

Method of analysis: BOD of COD

Degree of Elimination: 89%

Evaluation Readily Biodegradable- Based on OECD criteria.

Bioaccumulation:- accumulation in organisms is not to be expected

Do not release untreated into natural waters.

Citrus Terpene (5989-27-5)

Some studies have shown that certain bacteria and fungi have the ability to degrade terpenes, decreasing their toxicity to fish. When spilled, this product may act as an oil, causing a film, sheen, emulsion or sludge at or beneath the surface of a body of water. A spill may produce significant toxicity to aquatic organisms and ecosystems.

Persistence/Degradability: Product is expected to be readily biodegradable.

Bioaccumulation/ Accumulation: No appreciable bioconcentration is expected in the environment.

Mobility in Environment: Citrus terpenes volatilize rapidly.

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DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.

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TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

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REGULATORY INFORMATION

This product does not contain any component under SARA 313

*Citrus Terpene (5989275 <5%) TSCA

*Surfactant Blend (Trade Secret) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

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OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC

Monograph [c] OSHA [d] Not listed [e] Animal Data only

N/A = Not available N/D = Not determined