

O-mazing

SDS Number: G700C

Revision Date: 1/19/2023

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Identifier: O-mazing
SDS Number: G700C
Product Code: G700
Revision Date: 1/19/2023
Product Use: Spray and Wipe Degreaser

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

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

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 Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

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.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

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

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Eye Contact: May cause irritation and burning
Ingestion: Harmful if swallowed.

3 COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Chemical Ingredients: % Chemical Name:
5989-27-5 *****	<10% Citrus Terpene Trade Secret

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.

Launder contaminated clothing before reuse. Wash hands before eating, drinking or smoking.

Storage Requirements: 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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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Personal Protective Equipment: 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.

9 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:	(H20=1): 1.02 +/- 0.05	Softening Point:	NA
Viscosity:	NA	Percent Volatile:	NA
Saturated Vapor Concentration:	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		

10 STABILITY AND REACTIVITY

Chemical 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

11 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

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possible skin sensitizer.
Citrus Terpene cas#:(5989-27-5) [<10%]

Information on toxicological effects

Acute toxicity:
LD50 Oral - rat - 4,400 mg/kg Remarks: Behavioral:Change in motor activity (specific assay).
Respiratory disorder Skin and Appendages: Other: Hair. Inhalation: Irritating to respiratory system.
LD50 Dermal - rabbit - > 5,000 mg/kg
no data available

Skin corrosion/irritation: no data available

serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: May cause sensitisation by skin contact.

Germ cell mutagenicity: no data available

Carcinogenicity:
Carcinogenicity - rat - Oral:
Tumorigenic:Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder:Kidney tumors.
Tumorigenic Effects: Testicular

Carcinogenicity - mouse - Oral:
Tumorigenic:Equivocal tumorigenic agent by RTECS criteria. Gastrointestinal:Tumors.
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (D-Limonene)
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: GW6360000

Liver - Irregularities - Based on Human Evidence

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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:

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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.

Citrus Terpene cas#:(5989-27-5) [<10%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 0.702 mg/l - 96.0 h.

Toxicity to daphnia and EC50 - Daphnia pulex (Water flea) - 69.6 mg/l - 48 h.

other aquatic

invertebrates

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Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

13	DISPOSAL CONSIDERATIONS
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Dispose of according to local, state, or federal regulations.

14	TRANSPORT INFORMATION
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Proper Shipping Name: Not Regulated

15	REGULATORY INFORMATION
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[%] RQ (CAS#) Substance - Reg Codes

[<10%] Citrus Terpene (5989-27-5) TSCA

[--%] Trade Secret (Trade Secret) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

TSCA = Toxic Substances Control Act

16	OTHER INFORMATION
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. N/A = Not available N/D = Not determined

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