

MATERIAL SAFETY DATA SHEET

State Chemical Division – State Industrial Products
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State Chemical Ltd.
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **ORANGE BUOY** 24 Hour Emergency CHEMTREC Number: 800-424-9300
Product Description: A formulated lift station and grease trap cleaner. MSDS Number: M00447

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Orange Terpenes	68647-72-3	<100%	NE	NE

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Combustible liquid. May be harmful if swallowed. Eye, skin and respiratory irritant.

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause eye irritation.
Skin Contact: May cause skin irritation. Avoid prolonged skin contact. May cause dermatitis.
Inhalation: May cause irritation of the respiratory tract.
Ingestion: May be harmful if swallowed. May cause gastro-intestinal disturbances.
General: May aggravate existing lung and skin conditions.

4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. Consult a physician if symptoms persist.
Skin Contact: Promptly wash with soap and water and rinse thoroughly. Remove contaminated clothing and shoes. Launder clothing before reuse. If irritation persists, consult a physician.
Inhalation: Remove to fresh air. If irritation persists, consult a physician.
Ingestion: Do not induce vomiting. Never give anything to an unconscious person. Contact a physician immediately.

5. FIRE FIGHTING MEASURES

Flashpoint(Method): 120°F; 49°C (TCC)
Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA
Flammable Properties: Combustible liquid.
Unusual Fire & Explosion Hazards: Improper handling of solvent soaked rags can cause spontaneous combustion. Before disposal, wash rags with soap and water and dry in well-ventilated area or store in a fireproof container with no other flammable or combustible materials present.
Extinguishing Media: Carbon Dioxide, dry chemical, foam.
Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing. Contains oil, water is not effective in fire fighting.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Use absorbent to pick up residue and dispose of properly. Avoid discharge to natural waters.
Large Spills: Halt spill at source, dike and contain spill. Use absorbent to pick up residue and transfer to a proper container. Dispose of in accordance with Federal, State and local regulations.

7. HANDLING AND STORAGE

Handling: This product is for industrial use only. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Harmful if swallowed. Do not reuse empty containers. Empty product containers may contain product residue. Avoid contact with skin, eyes and clothing. Do not mix with other chemicals.
Storage: Keep out of reach of children. Keep containers closed when not in use. Store in a well-ventilated area. Do not store with strong oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use of general or local ventilation is recommended whenever this product is used in confined spaces or above ambient temperature.
Personal Protective Equipment:
Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a NIOSH approved, properly fitted respirator.
Eye: Safety glasses or goggles with unperforated sideshields are recommended.
Skin: Wear chemically impervious gloves.
Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear orange	Odor:	Citrus
Physical State:	Liquid	pH:	NA
Boiling Point:	221°F; 105°C	Freezing/Melting Point:	NA
Solubility in Water:	Insoluble	Specific Gravity:	0.845

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Heat, sparks or open flame.
Incompatibility: Oxidizing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, various Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

This product contains no IARC, NTP or OSHA listed carcinogens.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Orange Terpenes	68647-72-3	5.6-6.6 g/kg (mouse oral)	NE

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with the Federal, State, and Local regulations regarding pollution. Avoid discharge to natural waters.

14. TRANSPORT INFORMATION

DOT Shipping Data: Combustible Liquid. Ships as non-hazardous due to limited quantity exemption.
Canadian TDG: Shipped in accordance with 49 CFR as part of a transborder shipment authorized under Section 5.2 (1) of the Canadian Transportation of Dangerous Goods.

For International and Air Shipments of 1 gallon and smaller sized containers: Dangerous Goods Limited Quantity.
For International and Air Shipments of containers larger than 1 Gallon: Flammable Liquid N.O.S. (Terpene Hydrocarbon), 3.3, UN1993, III

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.
CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.
Proposition 65: This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
SARA 313: This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

HMIS RATING: HEALTH = 1 FLAMMABILITY = 2 REACTIVITY = 0 PPE = B

WHMIS RATING: Class B, Division 3; Class D, Division 2B

16. OTHER INFORMATION

NA = Not Available or Not Applicable
NE = Not Established

Read and follow all label directions and precautions before using the product. This product is intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

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