

MATERIAL SAFETY DATA SHEET

State Chemical Manufacturing Company
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State Chemical Ltd.
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **GREASE-B-GONE**
Product Description: Drain cleaner and degreaser.

24 Hour Emergency CHEMTREC Number: 800-424-9300
MSDS Number: 700144

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Orange Terpenes	5989-27-5	< 98%	NE	NE
Nonionic Surfactant	127087-87-0	< 3%	NE	NE
Anionic/Nonionic Detergent	64742-94-5	< 2%	NA	NA

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. This product may contain trace amounts of Ethylene Oxide which could accumulate in the headspace of storage and transport vessels.

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): 128°F; 53°C (TCC) Lower Explosive Limit (LEL): NA Upper Explosive Limit (UEL): NA Autoignition Temperature: NA
Flammable Properties: Keep away from heat, flames, sparks or other sources of ignition. May form flammable mixtures with air when heated to flash point.
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. Water may be used to cool closed containers to prevent possible explosive when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Ventilate area. 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

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. 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 general or local ventilation to keep exposure levels below exposure limits.
Personal Protective Equipment:
Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a NIOSH approved, properly fitted organic vapor/particulate respirator.
Eye: Safety glasses or goggles with unperforated sideshields are recommended.
Skin: Wear chemically impervious gloves.
Other: An emergency eyewash station 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:	Emulsifiable	Specific Gravity:	0.843 +/- 0.001	Density:	7.0 lbs/gal; 0.84 kg/L
Volatility:	97% by weight	VOC Content:	6.9 lbs/gal; 0.83 kg/L	Evaporation Rate:	NA

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

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. Shipped as non-hazardous according to 49CFR173.150(f)(2)
Canadian TDG: Terpene hydrocarbons, n.o.s.(Orange Terpene Oil), Class 3, UN2319, Packing Group 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.

CERCLA: The following ingredients are on the CERCLA Hazardous Substances list:

<u>CHEMICAL NAME</u>	<u>CAS #</u>
Naphthalene	91-20-3

SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372):

<u>CHEMICAL NAME</u>	<u>CAS #</u>
Naphthalene	91-20-3

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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