

SAFETY DATA SHEET

GREASE EATER

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: GREASE EATER
 PRODUCT USE: All Purpose Odour Control and Waste Degradar
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
 9 City View Drive, Etobicoke, Ontario M9W 5A5
 24 HOUR EMERGENCY NO. 613-996-6666 (CANUTEC)

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION

- FLAMMABLE LIQUIDS CATEGORY 3, EYE DAMAGE/ EYE IRRITATION Category 2A, AQUATIC TOXICITY (ACUTE) - Category 1

LABEL ELEMENTS



- SIGNAL WORD: DANGER
- HAZARD STATEMENT(S) : FLAMMABLE LIQUID, CAUSES EYE IRRITATION, CAUSES SEVERE DAMAGE TO AQUATIC LIFE.
- PRECAUTIONARY STATEMENTS: Wear protective gloves /eye protection. Wash skin thoroughly after handling. Dispose of contents/ containers in accordance with local regulations.
- Response: - IF ON EYES: Wash with plenty of water. Get medical attention.

IF SWALLOWED: Immediately call a poison center or doctor. Rinse mouth.

IF ON SKIN: Wash with plenty of water. Get medical attention. Take off contaminated clothes and wash it before reuse.

SECTION 3 – COMPOSITION / INFORMATION INGREDIENTS

CHEMICAL NAME	%	CAS.NO
d' Limonene	60-80	69227-21-0
Naphtha, hydro treated, light	10-25	064742478

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove source of exposure or move to fresh air. Call a poison centre or doctor if you feel unwell.
Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention or advise. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention or advice.

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Ingestion: Immediately call a Poison Centre or doctor. Do not induce vomiting.

Note to physician: Treat symptomatically, no specific antidote. See toxicological information (section 11)

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media: Use dry chemical, carbon dioxide, chemical foam to extinguish. Use water spray to cool containers.

Unsuitable Extinguishing Media: None known

Specific hazards arising from the product: Vapors may accumulate in low-lying areas. Flashback along vapor trail may occur. Material may float and ignite on surface of water.

Hazardous thermal decomposition products: Produces carbon oxides (CO, CO₂), acrid smoke

Advice for fire-fighters: Wear self-contained breathing apparatus for firefighting.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective clothing. Wear eye/face protection.

Avoid breathing the mist/vapors. Remove all sources of ignition.

Environmental precautions: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods and materials for containment and cleaning up: Contain with inert absorbent (such as soil, sand, vermiculite). Collect liquid in a sealable, solvent-resistant container. Sprinkle inert absorbent compound onto spill, then sweep into the container. Wash spill area with soap and water to remove the last traces of residue.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Avoid breathing vapors/fumes/mist/spray. Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Storage Procedures: Keep containers closed when not in use. Store between the following temperatures: 5 to 40°C.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8 hour TWA	Short term TWA ©
d' Limonene	Not available		Not available		Not available	
Naphtha, hydro treated, light	Not available		500 ppm		Not available	

ACGIH= American Conference of Governmental Industrial Hygienists. TLV = Threshold Limit Value. TWA = Time-weighted Average. STEL = Short-term Exposure Limit OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. AIHA = AIHA Guideline Foundation. WEEL = Workplace Environmental Exposure Limit.

Appropriate Engineering Control: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual Protection Measure:

Eye/Face Protection: Do not get into eyes. Wear chemical safety goggles.

Skin Protection: No known effect after skin contact. Rinse with water.

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Respiratory protection: Not required

Inhalation: No special measures required. Treat symptomatically.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, red colour.
Odour:	Citrus-orange like.
pH :	Not available
Melting Point:	Not available
Boiling point:	Approx. 176 °C
Flash Point:	> 43 °C
Vapour pressure:	Not available
Vapour density:	Not available
Evaporation Rate:	Not available
Flammability:	Not available
Explosive Limit:	Not available
Lower flammable/explosive limit:	Not available
Upper flammable/explosive limit:	Not available
Relative Density:	Approx. = 0.9 (Water = 1)
Viscosity:	Not available
Solubility in water:	Not Soluble
Auto ignition temperature	Not available
Partition coefficient - n-octanol/water:	Not available
Decomposition temperature:	Not available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Chemically stable at normal temperatures and pressures
INCOMPATIBILITY:	Strong oxidizing agents, strong acids, peroxides, halogens, vinyl chloride, and iodine pentafluoride.
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	Ignition sources, excessive heat, and incompatible substances. Vapors may form explosive mixture with air.

SECTION 11 – TOXICOLOGICAL INFORMATION

Chemical Name	LC50	LD50	LD50 (dermal)
d' Limonene	Not Available	>5 000 mg/kg Rat	>5 000 mg/kg Rabbit
Naphtha, hydro treated, light	Not Available	5000 mg/kg [Rat	3000 mg/kg [Rabbit

Routes of exposure: Skin contact, Eye contact, Ingestion.

Eye contact: Material may cause irritation.

Skin contact. No specific data.

Inhalation: No specific data.

Acute toxicity:

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Eye contact: Causes eye irritation.

Skin contact: Not known significant effects.

Inhalation: Not known significant effects.

Ingestion: Not known significant effects.

Carcinogenicity (risk of cancer) : Not classified or listed as a carcinogen by IARC, ACGIH, CA Prop 65, or NTP

Mutagenicity (risk of heritable genetic effects): No data available

Reproductive toxicity: No evidence of reproductive toxicity or developmental toxicity.

STOT - single exposure irritating to respiratory system.

STOT - Not classified.

Aspiration hazard: Aspiration hazard: Over 95% of the mixture components are classified as Cat 1 and the kinematic viscosity is <20.5 mm²/s at 40 °C.

SECTION 12 – ECOLOGICAL CONSIDERATION

Eco toxicity : The d-Limonene is an acute category 1 environmental toxicant (with minimal LC50 of 0.702 mg/L 96 h for Pimephales promelas (fathead minnow); EC50 69.6 mg/L 48 h Daphnia pulex (water flea). The material will float in water and evaporate in the atmosphere making it an unlikely to cause ground or water pollution. .

Bio accumulative potential Inorganic: The substance has no potential for bioaccumulation.

Mobility in soil: Not applicable.

Other adverse effects: VOC (Regulated Volatile Organic Content) = >95% [>798 g/L]

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: In accordance with federal, provincial or local government requirements.

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: UN 2319 TERPENE HYDROCARBONS N.O.S. CLASS 3 PG III

SECTION 15 – REGULATORY INFORMATION

Refer to section 2.

SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE:

February 24, 2016: **Revision 1**

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