




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2420	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ECO LIFT	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Floating Lift Station Degreaser	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Skin Sens: Category 1 (H317)	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

Prevention: Avoid breathing vapors, mist. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves, eye protection, protective clothing.

Response: IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see first aid measures on this label) If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Disposal: Dispose of contents/container to comply with local/regional/national/international regulations

HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

UNKNOWN ACUTE TOXICITY:

Not applicable.

3. Composition / Information on Ingredients

SUBSTANCES:

Not applicable. Full text of H-phrases: See section 16.

CHEMICAL NAME	CAS	% BY WEIGHT	CLASSIFICATION (GHS-US)
(+)-limonene	5989-27-5	3.0-7.0	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: If you feel unwell, seek medical advice (show the label where possible).

EYES: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

SKIN: Wash with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

INHALATION: Remove the victim into fresh air.

INGESTION: Rinse mouth with water. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

MOST IMPORTANT SYMPTOMS AND EFFECTS (both acute and delayed):

Symptoms/effects: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation: None under normal use.

Symptoms/effects after skin contact: May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact: Direct contact with the eyes is likely to be irritating.

Symptoms/effects after ingestion: Gastrointestinal complaints.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Foam. Carbon dioxide. Dry chemical powder.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use a water jet, since it may cause the fire to spread.

FIRE HAZARD:

Treat as an oil fire.

EXPLOSION HAZARD:

Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers.

Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions, can lead to spontaneous combustion.

This product contains antioxidants to retard oxidation.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Upon combustion: CO and CO₂ are formed.

SPECIFIC FIRE-FIGHTING METHODS:
 Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:
 Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:
 Isolate from fire, if possible, without unnecessary risk.
For non-emergency personnel: Safety glasses. Gloves. Protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
For emergency responders: Equip cleanup crew with proper protection. Stop leak, if safe to do so. Stop release. Ventilate area.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:
 Avoid release to the environment. Prevent entry to sewers and public waters. Contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

REFERENCE TO OTHER SECTIONS:
 No additional information available.

7. Handling and Storage

SAFE HANDLING:
 Comply with the legal requirements. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product.


HYGIENE MEASURES:
 Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

SAFE STORAGE:
 Technical Measures: Comply with applicable regulations.
 Storage Conditions: Store in a well-ventilated place. Keep cool. Store locked up.
 Incompatible Products: Oxidizing agent. Acids.
 Incompatible Materials: Sources of ignition. Heat sources.
 Storage Area: Meet the legal requirements.
 Special Rules on Packaging: Meet the legal requirements.

8. Exposure Controls / Personal Protection

CONTROL PARAMETERS:
 (+)-limonene (5989-27-) Not applicable.

PERSONAL PROTECTIVE EQUIPMENT:
 Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses. Gloves. Protective clothing.



9. Physical & Chemical Properties

Appearance:	Clear, green liquid	Flammability(solid/gas):	No data available
Physical State:	Liquid	Boiling Point:	No data available
Odor:	Citrus fruit	Explosion Limits:	No data available
Odor Threshold:	No data available	Explosive Properties:	No data available
pH:	No data available	Vapor Pressure:	No data available
Melting Point:	No data available	Relative Vapor Density (20°C):	No data available
Freezing Point:	No data available	Relative Density:	No data available
Viscosity:	No data available	Solubility:	Insoluble in water
Specific Gravity/Density:	0.88 g/ml	Auto-Ignition Temperature:	No data available
Relative Evap Rate (butyl acetate=1):	No data available	Decomposition Temperature:	No data available
Viscosity (kinematic):	No data available	Oxidizing Properties:	No data available
Viscosity (dynamic):	No data available	Log KOW:	No data available
VOC Content:	< 6%	Log POW:	No data available
Flash Point:	> 210°F Closed Cup		

10. Stability & Reactivity Information

REACTIVITY:
 Upon combustion: CO and CO₂ are formed.

CHEMICAL STABILITY:
 No additional information available.

POSSIBILITY OF HAZARDOUS REACTIONS:
 Refer to Section 10 on reactivity.

INCOMPATIBLE MATERIALS:
 Strong oxidizing agents. Acids.

CONDITIONS TO AVOID:
 No additional information available.

DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information**ACUTE TOXICITY:**

Not classified.

(+)-limonene (5989-27-5)

LD50 oral rat: 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across).

LD50 dermal rabbit: >5000 mg/kg body weight (equivalent or similar to OECD 402, Rabbit, Weight of evidence).

ATE CLP (oral): 4400 mg/kg body weight.

SKIN CORROSION/IRRITATION:

Not classified.

SERIOUS EYE DAMAGE/IRRITATION:

Not classified.

RESPIRATORY OR SKIN SENSITIZATION:

May cause an allergic skin reaction.

GERM CELL MUTAGENICITY:

Not classified.

CARCINOGENICITY:

Not classified.

REPRODUCTIVE TOXICITY:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (single exposure):

Not classified.

SPECIFIC TARGET ORGAN TOXICITY(repeated exposure)

Not classified.

ASPIRATION HAZARD:

Not classified.

SYMPTOMS/INJURIES AFTER INHALATION:

None under normal use.

SYMPTOMS/INJURIES AFTER SKIN CONTACT:

May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.

SYMPTOMS/INJURIES AFTER EYE CONTACT:

Direct contact with the eyes is likely irritating.

SYMPTOMS/INJURIES AFTER INGESTION:

Gastrointestinal complaints.

LIKELY ROUTES OF EXPOSURE:

Dermal.

12. Ecological Information**TOXICITY:****(+)-limonene (5989-27-5)**

LC50 fish 1: 720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value).

EC50 Daphnia 1: 0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value).

PERSISTENCE AND DEGRADABILITY:**(+)-limonene (5989-27-5)**

Persistence and Degradability: Readily biodegradable in water.

ThOD: 3.29 g O₂/g substance.

BIOACCUMULATIVE POTENTIAL:**(+)-limonene (5989-27-5)**

BCF fish 1: 864.8 - 1022 (Pisces; QSAR, Fresh weight).

Log Pow: 4.38 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 37°C).

Bioaccumulative potential: Potential for bioaccumulation ($4 \geq \text{Log Kow} \leq 5$).

13. Disposal Consideration

Product/Packaging Disposal Recommendations: Dispose in a safe manner in accordance with local/national regulations.

14. Transportation Information**DEPARTMENT OF TRANSPORTATION (DOT)**

Not regulated for transport.

ADDITIONAL INFORMATION:

No supplementary information available.

ADR: No additional information available.

TRANSPORT BY SEA:

No additional information available.

AIR TRANSPORT:

No additional information available.

15. Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.



WARNING:

This product can expose you to methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. Other Information

TRAINING ADVICE:

Normal use of this product shall imply use in accordance with the instructions on the packaging.

FULL TEXT OF H-PHRASES:

H226: Flammable liquid and vapor.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.