




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) Full text of H-phrases: See Section 16.	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

Avoid breathing vapors, mist.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves, eye protection, protective clothing.
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.
Take off contaminated clothing and wash it before reuse.

DISPOSAL:

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

HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

3. Composition / Information on Ingredients

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

4. First Aid Measures

EMERGENCY OVERVIEW

WARNING: 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 plenty of 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/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

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: May be fatal if swallowed and enters airways.

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

SAFE STORAGE:

Comply with applicable regulations. Store in a well-ventilated place. Keep cool. Store locked up. Incompatible with oxidizing agent, acids, sources of ignition, and heat sources. Meet the legal requirements.

8. Exposure Controls / Personal Protection

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

**9. Physical & Chemical Properties**

APPEARANCE:	Clear, green liquid.	FLAMMABILITY(solid/gas):	No data available.
Physical State:	Liquid.	BOILING POINT:	No data available.
ODOR:	Citrus scent.	FLASH POINT:	> 210°F Closed Cup
ODOR THRESHOLD:	No data available.	EXPLOSION LIMITS:	No data available.
pH:	No data available.	EXPLOSIVE PROPERTIES:	No data available.
MELTING POINT:	No data available.	VAPOR PRESSURE:	No data available.
FREEZING POINT:	No data available.	RELATIVE VAPOR DENSITY (20°C):	No data available.
LOG POW:	No data available.	RELATIVE DENSITY:	No data available.
VISCOSITY:	No data available.	SOLUBILITY	Negligible.
SPECIFIC GRAVITY:	0.88 g/ml	AUTO-IGNITION TEMP:	No data available.
RELATIVE EVAPORATION RATE (butyl acetate=1):	No data available.	DECOMPOSITION TEMP:	No data available.
VISCOSITY (kinematic):	No data available.	OXIDIZING PROPERTIES:	No data available.
VOC:	3-5%	LOG KOW:	No data available.
		VISCOSITY (dynamic):	No data available.

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. Acid.

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: 4400 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Read-across)

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

ATE CLP (oral): 4400.000 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

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

IARC group 3 - Not Classifiable

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:

May be fatal if swallowed and enters airways.

12. Ecological Information

TOXICITY:

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

LC50 fish 1: 720 µg/l (96 h; Pimephales promelas; Lethal).

EC50 Daphnia 1: 0.36 mg/l (48 h; Daphnia magna; GLP).

LC50 fish 2: 702 µg/l (96 h; Pimephales promelas).

Threshold limit algae 1: 150 mg/l (72 h; Desmodesmus subspicatus; GLP).

Threshold limit algae 2: 2.62 mg/l (72 h; Desmodesmus subspicatus).

PERSISTENCE AND DEGRADABILITY:

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

Persistence and degradability: Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil.

ThOD: 3.29 g O₂/g substance.

BIOACCUMULATIVE POTENTIAL:

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

BCF fish 1: 864.8 - 1022 (Pisces; 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 ≥ Log Kow ≤ 5).

13. Disposal Consideration

Dispose in a safe manner in accordance with local/national regulations.

14. Transportation Information

DEPARTMENT OF TRANSPORTATION (DOT)

In accordance with DOT: Not regulated for transport.

ADDITIONAL INFORMATION:

Other 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.

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

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:

Asp. Tox. 1 Aspiration hazard Category 1

Flam. Liq. 3 Flammable liquids Category 3

Skin Irrit. 2 Skin corrosion/irritation Category 2

Skin Sens. 1 Skin sensitization Category 1

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

N/A = Not Applicable; N/D = Not Determined

NFPA	Health Hazards: 1	Flammability: 1	Instability: 0	Physical & Chemical Properties:
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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.