




SAFETY DATA SHEET

1. Product and Company Identification			
PRODUCT NUMBER:	2395	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	LEMON DROP	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Wastewater & Sewer Deodorizer	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification				
GHS CLASSIFICATION: GHS-US classification Flam. Liq. 3 H226 Eye Dam. 1 H318 Skin Sens. 1 H317	SIGNAL WORD: DANGER	SYMBOL: 		
HAZARD STATEMENTS: Flammable liquid and vapor. May cause an allergic skin reaction. Causes serious eye damage. Prevention: Keep away from heat, open flames, sparks. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical, lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist, spray. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection, protective clothing, protective gloves. Response: IF ON SKIN: Wash with plenty of water. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor, a POISON CENTER Specific treatment (see First aid measures on this label) If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IN CASE OF FIRE: Use carbon dioxide (CO ₂), dry extinguishing powder, foam to extinguish. Storage: Store in a well-ventilated place. Keep cool. 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	Concentration % by Weight	GHS-US Classification
2-propanol	(CAS-No.) 67--63-0	3-7	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
linear Alcohol Ethoxylate	(CAS-No.) 34398-01-1	1-5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
(+)-limonene	(CAS-No.) 5989-27-5	0.5-1.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tax. 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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. INHALATION: Remove person to fresh air and keep comfortable for breathing. INGESTION: Rinse mouth with water. Do NOT induce vomiting.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Carbon dioxide. Dry powder. Foam.

FIRE HAZARD:

Flammable liquid and vapor.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Thermal decomposition may produce oxides of carbon and nitrogen.

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:

GENERAL MEASURES: Isolate from fire, if possible, without unnecessary risk. No flames, no sparks. Eliminate all sources of ignition. Use special care to avoid static electric charges.

FOR NON-EMERGENCY PERSONNEL:

Protective Equipment: Protective goggles. Gloves. Protective clothing.

Emergency Procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

FOR EMERGENCY RESPONDERS

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Stop release. Ventilate area.

ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Prevent entry to sewers and public waters.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Contain released product, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

7. Handling and Storage

SAFE HANDLING:

Comply with the legal requirements. 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. Do not get in eyes, on skin, or on clothing. Keep away from sources of ignition. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Avoid breathing mist, spray.

HYGIENE MEASURES:

Wash thoroughly after handling. Wash contaminated clothing before reuse.

SAFE STORAGE & INCOMPATIBILITIES:

Technical Measures: Comply with applicable regulations. Ground/bond container and receiving equipment. Use only non-sparking tools. Storage Conditions: Store in a well-ventilated place. Keep cool. Keep container closed when not in use.

Incompatible Products:

Incompatible Materials:

Storage Area:

Special Rules on Packaging:

8. Exposure Controls / Personal Protection

2-propanol (67-63-0)

ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
OSHA	OSHA (TWA) (ppm)	400 ppm

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

Not applicable

L_inear Alcohol Ethoxylate (3.4□98: 01.,1).Components

Not applicable

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



9. Physical & Chemical Properties

Appearance:	Clear to hazy liquid. Yellow liquid.	Flammability(solid/gas):	No data available.
Physical State:	Liquid.	Flammability Limit-lower (%):	No data available.
Odor:	Lemon-like.	Flammability Limit-upper (%):	No data available.
Odor Threshold:	No data available.	Vapor Pressure:	No data available.
pH:	7 – 8.5	Relative Density:	No data available.
Melting/Freezing Point:	No data available.	Relative Vapor Density at 20°C:	No data available.
VOC Content:	<10%	Solubility (water):	Soluble in water.
Boiling Point:	No data available.	Auto-Ignition Temp:	No data available.
Viscosity:	No data available.	Decomposition Temp:	No data available.

Viscosity, kinematic:	No data available.	Relative Evaporation Rate (butyl acetate=1):	No data available.
Viscosity, dynamic:	No data available.	Log Kaw:	No data available.
Flash Point:	108°F closed cup.	Log Pow:	No data available.
Specific Gravity/Density:	0.99 g/ml.	Oxidizing Properties:	No data available.

10. Stability & Reactivity Information

REACTIVITY:

Thermal decomposition may produce oxides of carbon and nitrogen.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

Refer to section 10 on Reactivity.

CONDITIONS TO AVOID:

Overheating. Open flame.

INCOMPATIBLE MATERIALS:

Oxidizing agent.

HAZARDOUS DECOMPOSITION PRODUCTS:

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

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Skin and eye contact.

Eyes: Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.

Skin: Contact during a long period may cause slight irritation. May cause an allergic skin reaction.

Inhalation: None under normal use.

Ingestion: Gastrointestinal complaints. Nausea. Vomiting.

ACUTE TOXICITY:

Not classified.

Components	Species	Test Results
2-propanol (67-63-0)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	16400 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value)
<i>Inhalation</i>		
LC50	Rat	> 10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male/female, Experimental value)
<i>Oral</i>		
LD50	Rat	5840 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Experimental value)
<i>Oral</i>		
ATE CLP		5840 mg/kg body weight
(+)-limonene (5989-27-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	>. 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence)
<i>Oral</i>		
LD50	Rat	>2000 mg/kg body weight (OECD 423: Acute Oral Toxicity -Acute Toxic Class Method, Rat, Female, Read-across)
Linear Alcohol Ethoxylate (34398-01-1)		
<i>Oral</i>		
LD50	Rat	>1400 mg/kg
SKIN CORROSION/IRRITATION:		
Not classified		
pH: 7 - 8.5		
SERIOUS EYE DAMAGE/EYE IRRITATION:		
Causes serious eye damage.		
pH: 7 - 8.5		
RESPIRATORY 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		

12. Ecological Information

ECOTOXICITY:

2-propanol (67-63-0)

LC50 fish 1 9640 - 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)

(+)-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 Immobilization Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)

PERSISTENCE AND DEGRADABILITY:

2-propanol (67-63-0)

Persistence and degradability Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.

Biochemical oxygen demand (BOD) 1. 19 g O₂/g substance

Chemical oxygen demand (COD) 2.23 g O₂/g substance

ThOD 2.4 g O₂/g substance

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

Persistence and degradability Readily biodegradable in water:
ThOD. 43.29 g O₂/g substance

BIOACCUMULATIVE POTENTIAL:

2-propanol (67-63-0)

Log Pow 0.05 (Weight of evidence approach, 25 °C)

Bioaccumulative potential Low potential for bioaccumulation (Log K_{ow} < 4).

(+)-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; Log K_{ow} > 5).

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

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

14. Transportation Information

DOT: In accordance with DOT: Not regulated for transport.

Other Information: When transported by ground in non-bulk containers, this product utilizes the exception found under 49 CFR 173.150. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.

ADR: No additional information available.

Transport by Sea: Not additional information available.

Air Transport: Not 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.

Chemical(s) subject to the reporting requirements of Section 313 or Title 111 of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

2-propanol GAS-No. 67-63-0 3-7%

2-propanol (67-63-0)

Subject to reporting requirements of United

States SARA Section 313

Linear Alcohol Ethoxylate (34398-01-1)

SARA Section 311/312 Hazard Classes Immediate (acute) health hazard

California Proposition 65 -This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

16. Other Information

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.