




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2427	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	GREASE BLASTER	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Sewer Jet Line Cleaner	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:	SIGNAL WORD: N/A	SYMBOL:	NOT A CONTROLLED  PRODUCT UNDER GHS
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HAZARD STATEMENTS:

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

PRECAUTIONARY STATEMENTS:

Prevention:

Obtain special constructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.

Response:

If exposed or concerned: Get medical attention/advice.

Storage: Store locked up.

Disposal: Dispose of contents/container to an approved waste disposal plant.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
COCAMIDOPROPYL BETAINE	61789-40-0	Proprietary
SODIUM TETRABORATE	1330-43-4	Proprietary

If Chemical Name/CAS No is "proprietary" and/or weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First Aid Measures

EMERGENCY OVERVIEW

WARNING: If exposed or concerned: Get medical advice/attention.

EYES: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

SKIN: Wash off immediately with plenty of water. If irritation persists, seek medical attention.

INHALATION:

Remove to fresh air. Seek medical attention if irritation persists.

INGESTION:

Drink two glasses of water. Get medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS:

May be irritating to skin and eyes. May be irritating to respiratory tract. May be irritating to the mouth, throat, and stomach.

INDICATIONS OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Note to physician: Treat symptomatically.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the environment

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Not determined.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Product is not flammable.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Use personal protection recommended in Section 8.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Prevent from entering into soil, ditches, sewers, waterways, and/or ground water. See Section 12, Ecological Information. See Section 13:

DISPOSAL CONSIDERATIONS. Prevent further leakage or spillage if safe to do so. Contain and collect with an inert absorbent and place into an appropriate container for disposal. Spill area may be slippery.

7. Handling and Storage

SAFE HANDLING:

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes, or clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. For institutional and commercial use only.

SAFE STORAGE:

Keep container tightly closed and store in a cool, dry, and well-ventilated place. Store locked up.

INCOMPATIBLE MATERIALS:

None known based on information supplied.

8. Exposure Controls / Personal Protection

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium tetraborate (1330-43-4)	STEL: 6 mg/m ³ inhalable fraction TWA: 2 mg/m ³ inhalable fraction	(vacated) TWA: 10 mg/m ³	TWA: 1 mg/m ³

PERSONAL PROTECTIVE EQUIPMENT:



FACE/EYE PROTECTION: Use chemical splash goggles or glasses as necessary to prevent contact.

SKIN/BODY PROTECTION: Wear protective gloves.

RESPIRATORY PROTECTION: No protection is ordinarily required under normal conditions of use and with adequate ventilation.

GENERAL HYGIENE CONSIDERATIONS: Handle in accordance with good industrial hygiene and safety practice.

ENGINEERING CONTROLS:

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

9. Physical & Chemical Properties

APPEARANCE:	Red liquid	FLAMMABILITY(solid/gas):	Liquid-Not applicable.
Physical State:	Liquid	Flammability Limit-lower (%):	Not determined.
Color:	Red	Flammability Limit-upper (%):	Not determined.
ODOR:	Slight detergent	FLASH POINT:	Not applicable.
ODOR THRESHOLD:	Not determined.	EVAPORATION RATE:	<1
pH:	8.0-9.5 (Concentrate)	VAPOR PRESSURE:	Not determined.
MELTING/FREEZING POINT:	Not determined.	VAPOR DENSITY:	>1
BOILING POINT/RANGE:	>100°C/>212°F	EXPLOSIVE PROPERTIES:	Not determined.
PARTITION COEFFICIENT (n-octanol/water):	Not determined.	SOLUBILITY (water):	100%
VISCOSITY(kinematic/dynamic):	Not determined.	AUTO-IGNITION TEMP:	Not determined.
SPECIFIC GRAVITY:	1.02	DECOMPOSITION TEMP:	Not determined.
SOLUBILITY (other solvents):	Not determined.	OXIDIZING PROPERTIES:	Not determined.

10. Stability & Reactivity Information

REACTIVITY:

Not reactive under normal conditions.

CHEMICAL STABILITY:

Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal processing

HAZARDOUS POLYMERIZATION:

Hazardous polymerization does not occur.

INCOMPATIBLE MATERIALS:

None known based on information supplied.

CONDITIONS TO AVOID:

Keep out of the reach of children.

DECOMPOSITION PRODUCTS:

None known based on information supplied.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Eye contact, skin contact, inhalation, and ingestion.

EYES: Avoid contact with eyes.

SKIN: Avoid contact with skin.

INHALATION: Avoid breathing vapors or mists.

INGESTION: Do not ingest.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Cocamidopropyl betaine 61789-40-0	=4900 mg/kg (rat)	-	-
Sodium lauryl sulfate 151-21-3	=1288 mg/kg (rat)	=580 mg/kg (rabbit)	>3900 mg/m ³ (rat) 1 hr
Sodium tetraborate 1330-43-4	=2403 mg/kg (rat)	>2000 mg/kg (rabbit)	-

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS:

Please see Section 4 of this SDS for symptoms

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:**

N/A

CARCINOGENIC INFORMATION:

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

NUMERICAL MEASURES OF TOXICITY:

Not determined.

12. Ecological Information**ECOTOXICITY:** N/A**COMPONENT INFORMATION:**

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	TOXICITY TO	
			MICROORGANISMS	CRUSTACEA
Cocamidopropyl betaine 61789-40-0	1.0-10.0 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.55: 96 h <i>Desmodesmus subspicatus</i> mg/L ED50	1.0-10.0 96 h <i>Brachydanio rerio</i> mg/L LC50 2: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static		6.5: 48 h <i>Daphnia magna</i> mg/L EC50
Sodium lauryl sulfate 151-21-3	53: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 30-100: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 117: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.59-15.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static	8-12.5: 96 h <i>Pimephales promeias</i> mg/L LC50 static 15-18.9: 96h <i>Pimephales promeias</i> mg/L LC50 static 22.1-22.8: 96 h <i>Pimephales promeias</i> mg/L LC50 static 4.3-8.5: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 4.62: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 7.97: 96 h <i>Brachydanio rerio</i> mg/L LC50 flow-through 9.9-20.1: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 4.06 - 5.75: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 4.2 - 4.8: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 4.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50 5.8-7.5 96 h <i>Pimephales promeias</i> mg/L LC50 static 10.2-22.5 96 h <i>Pimephales promeias</i> mg/L LC50 semi-static 6.2-9.6 96 h <i>Pimephales promeias</i> mg/L LC50 13.5-18.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 10.8-16.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 1.31: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static 340: 96 h <i>Limanda limanda</i> mg/L LC50		1.8: 48 h <i>Daphnia magna</i> mg/L EC50
Sodium tetraborate 1330-43-3	158: 96 h <i>Desmodesmus subspicatus</i> mg/L E50 2.6-21.8: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static			1085-1402: 48 h <i>Daphnia magna</i> mg/L LC50

PERSISTENCE/DEGRADABILITY:

Not determined.

BIOACCUMULATION:

Not determined.

MOBILITY:

Not determined.

OTHER ADVERSE EFFECTS:

Not determined.

13. Disposal Consideration**DISPOSAL OF WASTE:**

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

CONTAMINATED PACKAGING:

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. Transportation Information**NOTE:** Please see current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.**DOT:** Not regulated.**IATA:** Not regulated.**IMDG:** **Marine Pollutant:** This material may meet the definition of a marine pollutant.

15. Regulatory Information

INTERNATIONAL INVENTORIES

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Cocamidopropyl betaine	Present	X		Present		Present	X	Present	X	X
Sodium tetraborate	Present	X		Present		Present	X	Present	X	X

LEGEND:

- TSCA:** United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL:** Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS:** European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS:** Japan Existing and New Chemical Substances
- IECSC:** China Inventory of Existing Chemical Substances.
- KECL:** Korean Existing and Evaluated Chemical Substances.
- PICCS:** Philippines Inventory of Chemicals and Chemical Substances.
- AICS:** Australian Inventory of Chemical Substances

US FEDERAL REGULATIONS:

- CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).
- SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and title 40 of the Code of Federal Regulations, Part 372.
- CWA (Clean Water Act):** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).
- CALIFORNIA PROPOSITION 65:** This product does not contain any Proposition 65 chemicals.

US STATE RIGHT-TO-KNOW REGULATIONS:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium tetraborate 1330-43-4		X	x

16. Other Information

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

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.