




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2792	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	HIGH LOAD	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Extreme Pressure Calcium Sulfonate Grease	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: OSHA Hazard Communication Standard: This material is considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200	SIGNAL WORD: Warning	SYMBOL:	
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HAZARD STATEMENTS:
Causes eye irritation.
Causes mild skin irritation.

PRECAUTIONARY STATEMENTS:
Prevention: Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection
Response: IF IN EYES: Rinse cautiously with water for several times. Remove contact lenses, if present and possible to do so. If eye irritation persists, get medical attention.
Storage: None.
Disposal: None.

HAZARDS NOT OTHERWISE SPECIFIED:
Not applicable.

SUPPLEMENTAL INFORMATION:
34.3% of the mixture consists of ingredient(s) with unknown toxicity.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Petroleum distillate, hydrotreated heavy naphthenic	64742-52-5	20-40
Petroleum distillate, hydrotreated heavy paraffinic	64742-54-7	20-30
Calcium Carbonate	471-34-1	1-10

*The exact percentage of ingredients may have been held as trade secret and there may be batch to batch variation in their quantities.

ADDITIONAL INFORMATION: As per 29 CFR 1910.1200 paragraph (i), formulation is considered as trade secret and therefore specific chemical names and their percentages of components used have not been disclosed. The details about their specific chemical names and their percentages may be provided on request to health professionals, authorized representatives of regulatory authority, employees concerned in accordance with applicable provisions of this paragraph.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Not expected to be health hazard if used under normal conditions.

EYES: Immediately flush with large quantities of cool water for at least 15 minutes, including under eyelids. Keep eye wide open while rinsing. If symptoms persist, get medical attention.

SKIN: Remove contaminated clothes. Flush exposed area with plenty of water followed by washing by soap, if available. If persistent irritation occurs, obtain medical attention. If product is injected into or under the skin due to any reason, the victim, regardless of size or appearance of wound, should be brought immediately to medical attention for emergency surgical needs. Though the initial symptoms due to high pressure injection may be minimal / absent, early surgical treatment may significantly reduce the extent of injury.

INHALATION:

Under normal conditions of intended use, this material is not expected to be inhalation hazard. If some symptom exists, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

INGESTION:

Drink plenty of water. In general no treatment is necessary unless large quantities are swallowed; however, it's advisable to take medical attention. Do not induce vomiting unless directed by medical personnel. Do not give anything by mouth by an unconscious person.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

No information available.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

Note to Physician: Treat symptomatically.

Self-protection For First Aider: When administering the first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Water spray (fog), dry chemical, foam, or carbon dioxide. Sand to extinguish flames.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Water stream may splash burning liquid and spread fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Hazardous combustion product may include a complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, unidentified inorganic and organic compounds.

Explosion Data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Proper protective equipment includes chemical resistant gloves to be worn, chemical resistant suit is recommended when large contact with spill product is expected. Self-contained breathing apparatus (SCBA) must be worn when approaching a fire in confined area. Select the firefighters clothing approved by relevant standard, e.g. MSHA/NIOSH approved or equivalent and full protective gear.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch and walk through spill area. Do not touch damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.

EMERGENCY PROCEDURES:

Isolate the spill / leak area in all directions for about 50 meters (150 ft) for liquids and about 25 meters (75 ft.) for solids and semi solids. Eliminate all ignition sources (no smoking, flares, sparks/flames in close vicinity). Keep unauthorized person away, and ventilate closed space before entering.

ENVIRONMENTAL PRECAUTIONS:

Use appropriate measures for containment of spilled material to the environment. Prevent from entering/ spreading to drain, water, river, ditches by using sand, earth, floor dryers or other appropriate barriers.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Shovel into suitable properly marked container for disposal or reclamation in accordance with local regulations.

REFERENCE TO OTHER SECTIONS:

Refer to Section 8 – exposure control/personal protection and Section 13- disposal considerations.

7. Handling and Storage

GENERAL PRECAUTIONS:

Store in well-ventilated area, if risk on vapor inhalation is there. Use the information in this data sheet as input for risk management arising due to local conditions which help to manage safe handling of this product.

SAFE HANDLING:

Avoid prolonged and repeated contact with skin. Avoid inhaling the vapors/mist. When handling the drums, kegs, pails etc., proper safety shoes and other protective clothes, safety glasses, etc. should be worn. Dispose appropriately any contaminated rags/material as per prevailing local allowable practices. Keep containers in closely tight and cool and well ventilated areas.

SAFE STORAGE & INCOMPATIBILITIES:

Keep containers tightly close, well-ventilated areas but covered, avoiding contact with rain or other water ingress possibilities. Keep the storage place cool, preferably <120°F/ <50°C. Higher temperature may create pressure buildup inside container and chances of container busting or leakage may occur under aggravated conditions. Keep away from other oxidizing and incompatible materials.

Incompatible Products: Strong oxidizing agents. Strong reducing agents.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillate, hydrotreated heavy paraffinic	TWA: 5 mg/m ³ as oil mist, mineral	TWA: 5 mg/m ³ as oil mist, mineral	-
Calcium carbonate	-	TWA: 15 mg/m ³ TWA: 5.0 mg/m ³	TWA: 10 mg/m ³ total dust TWA: 5.0 mg/m ³ respirable dust

Immediate dangerous to life or health. ACGIH TLV: American Conference of Government Industrial Hygienists – Threshold Limit Values.

OSHA PEL: Occupational Safety and Health Administration – Permissible Limits.

OTHER EXPOSURE GUIDELINES:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F. 2d 962. (11th Cir., 1992).

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Safety glasses with side-shields. Risk of contact, wear: Chemical splash goggles.

Skin Protection: Impervious clothing. Protective gloves.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

General Hygiene Considerations: When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

APPROPRIATE ENGINEERING CONTROLS:

Showers eyewash stations ventilation systems

ENVIRONMENTAL EXPOSURE CONTROLS:

Minimize release to the environment. Follow best practices for site management and disposal of waste as per local regulations.

9. Physical & Chemical Properties			
Appearance:	Semi solid.	Flammability(solid/gas):	No data available.
Color:	Green.	Flammability Limit-lower (%):	No data available.
Odor:	Slight hydrocarbon.	Flammability Limit-upper (%):	No data available.
Odor Threshold:	Data not available.	Explosive Properties:	No data available.
pH:	Not applicable.	Vapor Density (air =1):	<1.
Boiling Point:	No data available.	Vapor Pressure @ ambient temp:	<0.13 kPa (<1 mm Hg).
Flash Point COC, °F/°C:	257°C/495°F	Oxidizing Properties:	No data available.
Specific Gravity / 15°C):	0.87, 7.506 (lbs/gal).	Auto-Ignition Temp:	No data available.
VOC, % wt., ASTM D-972:	<1%.	Electrical Conductivity:	Though no data available, this material is not expected to be a static accumulator.

10. Stability & Reactivity Information	
REACTIVITY:	No reactivity is expected under normal conditions of intended use. However, under high temperature or adverse operating conditions thermal/chemical decomposition of the product may be possible.
CHEMICAL STABILITY:	No hazardous reaction is expected under normal conditions of temperature and pressure.
POSSIBILITY OF HAZARDOUS REACTIONS:	None under normal processing.
HAZARDOUS POLYMERIZATION:	Not likely to occur.
CONDITIONS TO AVOID:	Extreme temperature and direct sunlight/heat/flame.
INCOMPATIBLE MATERIALS:	Strong oxidizing agents or strong reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxides, Nitrogen oxides (NOx), sulfur oxides.

11. Toxicological Information																												
PRIMARY ROUTE OF ENTRY:	<p>Eyes: Causes eye irritation.</p> <p>Skin: Causes mild skin irritation.</p> <p>Inhalation: There is no data available for this product.</p> <p>Ingestion: There is no data available for this product.</p>																											
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:	No information available.																											
	<table border="1"> <thead> <tr> <th>Components</th> <th>Species</th> <th>Test Results</th> </tr> </thead> <tbody> <tr> <td>Calcium Carbonate</td> <td></td> <td></td> </tr> <tr> <td>Acute</td> <td></td> <td></td> </tr> <tr> <td><i>Dermal</i></td> <td></td> <td></td> </tr> <tr> <td>LD50</td> <td>-</td> <td></td> </tr> <tr> <td><i>Inhalation</i></td> <td></td> <td></td> </tr> <tr> <td>LC50</td> <td>-</td> <td></td> </tr> <tr> <td><i>Oral</i></td> <td></td> <td></td> </tr> <tr> <td>LD50</td> <td>6450 mg/kg (rat)</td> <td></td> </tr> </tbody> </table>	Components	Species	Test Results	Calcium Carbonate			Acute			<i>Dermal</i>			LD50	-		<i>Inhalation</i>			LC50	-		<i>Oral</i>			LD50	6450 mg/kg (rat)	
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SENSITIZATION:	No information available.																											
GERM CELL MUTAGENICITY:	No information available.																											
CARCINOGENICITY:	<p>The table below indicates whether each agency has listed any ingredient as a carcinogen. The classification listed below for the petroleum distillates in this product pertains to those that contain more than 3% DMSO extract as measured by IP 346. The petroleum distillates in this product do not meet that criteria to be classified as carcinogens.</p> <table border="1"> <thead> <tr> <th>Chemical Name</th> <th>ACGIH</th> <th>IARC</th> <th>NTP</th> <th>OSHA</th> </tr> </thead> <tbody> <tr> <td>Petroleum distillate, hydrotreated heavy naphthenic</td> <td>A2</td> <td>Group 1</td> <td>-</td> <td>X</td> </tr> <tr> <td>Petroleum distillate, hydrotreated heavy paraffinic</td> <td>A2</td> <td>Group 1</td> <td>-</td> <td>X</td> </tr> </tbody> </table> <p>ACGIH: (American Conference of Governmental Industrial Hygienists): A2: suspected human carcinogen.</p> <p>IARC: (International Agency for Research on Cancer): Group 1: Carcinogenic to humans.</p> <p>OSHA: (Occupational Safety & Health Administration): X: Present.</p>	Chemical Name	ACGIH	IARC	NTP	OSHA	Petroleum distillate, hydrotreated heavy naphthenic	A2	Group 1	-	X	Petroleum distillate, hydrotreated heavy paraffinic	A2	Group 1	-	X												
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REPRODUCTIVE TOXICITY:	No information available.																											
SPECIFIC TARGET ORGAN TOXICITY -single exposure:	No information available.																											
SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:	No information available.																											
ASPIRATION HAZARD:	No information available.																											

ACUTE TOXICITY:

34.3% of the mixture consists of ingredient(s) of unknown toxicity. The following values are calculated based on chapter 3.1 of GHS document.

12. Ecological Information**ECOTOXICITY:**

The environmental impact of this product has not been fully investigated.

Components:	Species	Test Results
Petroleum distillate, hydrotreated heavy naphthenic (64742-52-5)		
Aquatic		
Crustacea	EC50	Daphnia magna (water flea)
Fish	LC50	Oncorhynchus mykiss
Petroleum distillate, hydrotreated heavy paraffinic (64742-54-7)		
Aquatic		
Crustacea	EC50	Daphnia magna
Fish	LC50	Oncorhynchus mykiss

PERSISTENCE AND DEGRADABILITY:

No information available.

BIOACCUMULATIVE POTENTIAL:

No information available.

OTHER ADVERSE EFFECTS:

No information available.

13. Disposal Consideration**WASTE TREATMENT METHODS:**

Try to minimize the product waste by using best applicable practices. It is the responsibility of the waste generator to evaluate the waste classification and appropriate disposal methodology in accordance with the applicable regulation.

DISPOSAL INSTRUCTIONS:

Do not dispose in to environment, in drain or in river/ponds/water reservoirs.

CONTAINER DISPOSAL:

To be disposed in accordance with local prevailing and allowable regulations.

14. Transportation Information

DOT: UN Number: Not required.

Transport Hazard Class(es):

Class: Not required

Packaging Non-Bulk: Not required.

Packaging Bulk: Not required.

Canadian TDG:

UN Number: Not required.

Transport Hazard Class(es):

Class: Not required

Packaging Non-Bulk: Not required.

Packaging Bulk: Not required.

EUROPEAN:

UN Number: Not required.

Transport Hazard Class(es):

Class: Not required

Packaging Non-Bulk: Not required.

Packaging Bulk: Not required.

ADR, IMDG, IATA-DGR:

Not classified as hazardous product for land, sea and air transport.

15. Regulatory Information

LEGEND: TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/ NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

OSHA Hazard Communication Standard: This material is considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

U.S. FEDERAL REGULATIONS:

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.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

Hazard categories:

Immediate Hazard – Yes.

Delayed Hazard – Yes.

Fire Hazard – No.

Pressure Hazard – No.

Reactivity Hazard – No.

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).

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). However, there may possibly be specific reporting requirements at the county, regional or state level related to releases of this material.

U.S. FEDERAL REGULATIONS

CALIFORNIA PROPOSITION 65: This product does not contain the following Proposition 65 chemicals:

U.S. State Right-to-Know Regulations: "X" designates that the ingredients are listed on the state right to know list

Chemical Name	New Jersey	Pennsylvania	Massachusetts	Illinois	Rhode Island
Petroleum distillate , hydrotreated heavy naphthenic 64742-52-5				X	
Petroleum distillate , hydrotreated heavy paraffinic 64742-54-7				X	
Calcium Carbonate	X	X	X		

U.S. EPA LABEL INFORMATION:**EPA Pesticide Registration Number:** Not applicable**INTERNATIONAL INVENTORIES:****WHMIS:** This product is not a controlled product.**Canadian NPRI:** None of the components are listed.**CEPA Toxic Substance:** None of the components are listed.**Europe (EINECS/ELINCS/NLP):** All components are listed or exempted from EU listing requirements.**Australia Inventory (AICS):** All components are listed or exempted.**China Inventory (IECSC):** All components are listed or exempted.**Japan Inventory:** All components are listed or exempted.**Korea Inventory:** All components are listed or exempted.**Thailand Inventory:** All components are listed or exempted.**Malaysia Inventory (EHS Register):** Not determined.**New Zealand Inventory of Chemicals (NZIoC):** All components are listed or exempted.**Philippines Inventory (PICCS):** All components are listed or exempted.**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.