

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2737	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	HI-TEMP	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Multipurpose High Impact Grease	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Not a hazardous substance or mixture.	SIGNAL WORD: Not available.	SYMBOL:	
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GHS LABEL ELEMENTS: Not a hazardous substance or mixture.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	>= 30 - < 50
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	>= 30 - < 50
quartz (SiO ₂)	14808-60-7	>= 0.1 - < 1

The exact percentages of disclosed substances are withheld as trade secrets.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Do not leave the victim unattended. Move out of dangerous area. Get medical attention. Show this safety data sheet to the doctor in attendance.

EYES: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist. No information available.

SKIN: If skin irritation persists, call a physician. Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

INHALATION:

If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

INGESTION:

Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. DO NOT induce vomiting unless directed to do so by a physician or poison control center.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Effects may be delayed, symptoms may include minor eye or skin irritation. Overexposure may cause mild eye or skin irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically. Symptoms may be delayed.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Dry chemical, water, foam and carbon dioxide (CO₂).

UNSUITABLE FIRE EXTINGUISHING MEDIA:

High volume water jet.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Do not allow run-off from fire fighting to enter drains or water courses.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon dioxide (CO₂), carbon monoxide, smoke.

SPECIFIC FIRE-FIGHTING METHODS:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Use personal protective equipment.

ENVIRONMENTAL PRECAUTIONS:

Prevent product from entering drains. Prevent further leakage or spillage. Prevent further leakage or spillage, if safe to do so.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

7. Handling and Storage

SAFE HANDLING:

For personal protection see Section 8. Smoking, eating and drinking should be prohibited in the application area.

SAFE STORAGE & INCOMPATIBILITIES:

Electrical installations/working materials must comply with the technological safety standards.

Materials to avoid: Oxidizing agents

8. Exposure Controls / Personal Protection

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	CAS-No.	Value	Control parameters / Permissible concentration	Basis
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	TWA (Mist)	5 mg/m ³	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m ³	ACGIH
		TWA (Total dust)	30 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (Respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (Respirable dust)	0.05 mg/m ³	NIOSH REL
		TWA (Respirable dust)	0.05 mg/m ³	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m ³	CAL PEL

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Safety glasses.

Skin Protection: Impervious clothing. Protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Respiratory Protection: No personal respiratory protective equipment normally required.

General Hygiene Considerations: General industrial hygiene practice.

APPROPRIATE ENGINEERING CONTROLS:

Effective ventilation in all processing areas

9. Physical & Chemical Properties

Appearance:	Gel.	Explosive Limit-Lower (%):	No data available.
Color:	Dark green.	Explosive Limit-Upper (%):	No data available.
Odor:	Oily.	Density:	1 g/cm ³
Odor Threshold:	No data available.	Vapor Pressure:	< 0.01 hPa
pH:	No data available.	Relative Vapor Density:	No data available.
Melting/Freezing Point:	Not applicable.	Solubility (water):	Negligible.
Boiling Point:	Not applicable.	Auto-Ignition Temp:	Not determined.
Viscosity Dynamic:	No data available.	Partition Coeff(n-octanol/water):	No data available.
Viscosity Kinematic:	>10000 mm ² /s (40°C).	Evaporation Rate:	No data available.
Flash Point:	204°C		

10. Stability & Reactivity Information

REACTIVITY:

Stable.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No hazards to be specially mentioned.

CONDITIONS TO AVOID:

No data available.

INCOMPATIBLE MATERIALS:

No data available.

HAZARDOUS DECOMPOSITION PRODUCTS:

Organic substances and carbon oxides.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Eyes: Effects may be delayed, symptoms may include minor eye irritation.

Skin: Effects may be delayed, symptoms may include minor skin irritation.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Aggravated Medical Condition: None known.

Symptoms of Overexposure: Effects may be delayed, symptoms may include minor eye or skin irritation.

Components	Species	Test Results	Exposure Time
Distillates (petroleum), hydrotreated heavy naphthenic:			
Acute			
<i>Dermal</i>			
LD50	Rabbit	> 5,000 mg/kg	
<i>Inhalation</i>			
LC50	Rat	> 5 mg/l	4 h

Oral
LD50

Rat

> 5,000 mg/kg

SKIN CORROSION/IRRITATION:

May irritate skin.

SERIOUS EYE DAMAGE/EYE IRRITATION:

Contact with eyes may cause irritation.

RESPIRATORY SENSITIZATION:

No data available.

SKIN SENSITIZATION:

No data available.

GERM CELL MUTAGENICITY:

No data available.

CARCINOGENICITY:

Carcinogenicity – Assessment: Not classifiable as a human carcinogen.

IARC: Group 1: Carcinogenic to humans quartz (SiO₂). 14808-60-7

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

REPRODUCTIVE TOXICITY:

No data available.

SPECIFIC TARGET ORGAN TOXICITY -single exposure:

No data available.

SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:

No data available.

ASPIRATION HAZARD:

No data available.

12. Ecological Information

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

Product:

Partition Coefficient: n-octanol/water: No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

Product:

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional Ecological Information: No data available.

13. Disposal Consideration

WASTE FROM RESIDUES/UNUSED PRODUCTS:

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.

CONTAMINATED PACKAGING:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of as unused product.

14. Transportation Information

49 CFR: NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL.

IATA: NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL.

IMDG: NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL.

TDG: NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL.

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

15. Regulatory Information

US FEDERAL REGULATIONS:

TSCA List: No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

CERCLA Hazardous Substance List (40 CFR 302.4):

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
xylenes	1330-20-7	100	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

SARA 311/312 Hazardous chemical: No SARA Hazards

SARA 313 (TRI reporting): This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US STATE REGULATIONS:

California Prop. 65: WARNING: This product can expose you to chemicals including ethylbenzene, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

The components of this product are reported in the following inventories:

DSL: All components of this product are on the Canadian DSL

TSCA: On TSCA Inventory

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

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.