

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2709	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	HYDROX	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	10W40 Multi-viscosity Hydraulic Oil	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Aspiration Hazard: Category 1	SIGNAL WORD: DANGER	SYMBOL:	
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HAZARD STATEMENTS:

H304: May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS:

Response: P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331: Do NOT induce vomiting.

Storage: P405: Store locked up.

Disposal: P501: Dispose of contents/container in accordance with local regulation.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	>= 30 - < 50
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	>= 30 - < 50
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 3 - < 5

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

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

EYES: Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. If in eyes, rinse with water for 15 minutes.

SKIN: If on clothes, remove clothes. If skin irritation persists, call a physician. Wash off immediately with plenty of water for at least 15 minutes.

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

INGESTION: Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital. DO NOT induce vomiting unless directed to do so by a physician or poison control center.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Aspiration may cause pulmonary edema and pneumonitis. Symptoms may include shortness of breath, dry cough and irritation of the nose, eyes, lips, mouth and throat. May be fatal if swallowed and enters airways. Review Section 2 of SDS to see all potential hazards.

NOTES TO PHYSICIAN:

Treat symptomatically. Symptoms may be delayed.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Water spray jet. Carbon dioxide (CO₂). Alcohol-resistant foam. Dry chemical.

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. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS:

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains

inform respective authorities.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. Handling and Storage

SAFE HANDLING:

Do not breathe vapors/dust. For personal protection see Section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

SAFE STORAGE & INCOMPATIBILITIES:

Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Store and keep away from bleach. Store away from other materials.

8. Exposure Controls / Personal Protection

COMPONENTS	CAS #	VALUE TYPE(form of exposure)	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

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Ensure that eyewash stations and safety showers are close to the workstation location. Tightly fitting safety goggles

Skin Protection: Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Protective gloves: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

General Hygiene Considerations: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

APPROPRIATE ENGINEERING CONTROLS:

Effective ventilation in all processing areas.

9. Physical & Chemical Properties

Appearance:	Liquid.	Explosive Limit-Lower (%):	No data available.
Color:	Amber.	Explosive Limit-Upper (%):	No data available.
Odor:	Oily.	Vapor Pressure:	< 0.01 hPa
Odor Threshold:	No data available.	Solubility (water):	Negligible.
pH:	No data available.	Auto-ignition Temp:	Not determined.
Viscosity, Kinematic:	No data available.	Thermal Decomposition:	No data available.
Flash Point:	204.44°C Method: Cleveland open cup.	Partition Coeff(n-octanol/water):	No data available.
Evaporation Rate:	< 0.01 n-Butyl Acetate = 1.0	Density:	0.88 g/cm ³
Melting/Freezing Point:	No data available.		

10. Stability & Reactivity Information

REACTIVITY:

Stable.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No decomposition if stored and applied as directed.

CONDITIONS TO AVOID:

Exposure to air.

INCOMPATIBLE MATERIALS:

Oxygen.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon oxides.

11. Toxicological Information

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Aggravated Medical Condition: None known.

Symptoms of Overexposure: Aspiration may cause pulmonary edema and pneumonitis. Symptoms may include shortness of breath, dry cough and irritation of the nose, eyes, lips, mouth and throat.

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

Oral
LD50

Rat

> 5,000 mg/kg

SKIN CORROSION/IRRITATION:

Remarks: May cause skin irritation and/or dermatitis.

SERIOUS EYE DAMAGE/EYE IRRITATION:

Remarks: May irritate eyes.

RESPIRATORY SENSITIZATION:

No data available.

SKIN SENSITIZATION:

No data available.

GERM CELL MUTAGENICITY:

No data available.

CARCINOGENICITY:

No data available.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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.

OTHER INFORMATION:

Solvents may degrease the skin.

12. Ecological Information

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

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: No data available

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

Dispose of in accordance with local regulations.

WASTE FROM RESIDUES/UNUSED PRODUCTS:

Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container.

CONTAMINATED PACKAGING:

Empty remaining contents. Dispose of as unused product. Do not reuse empty containers.

14. Transportation Information

DOT: Transportation Regulation: 49 CFR (USA):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

IATA: Transportation Regulation: IATA (Cargo Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL
Transportation Regulation: IATA (Passenger Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

IMDG: Transportation Regulation: IMDG (Vessel):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

TDG: Transportation Regulation: TDG (Canada):
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.

EPCRA - Emergency Planning and Community Right-to-Know Act:

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

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

SARA 311/312 Hazards: Aspiration hazard.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: 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.

California Prop. 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.

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

DSL: All components of this product are on the Canadian DSL On TSCA Inventory.

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.