

SAFETY DATA SHEET

Hydroplex Plunger Lubricant

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830 and US OSHA HCS 2015

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** HYP0606
Product Name: Hydroplex Plunger Lubricant
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
Company Name: Hydroplex Corp. **Phone Number:**
230 W. Gloria Switch Rd. (337)233-0626
Lafayette, LA 70507 United States of America
Email address: Sales@hydroplexpumps.com
- 1.4 Emergency telephone number:**
Emergency Contact: CHEMTREC 01 (703)527-3887
Norwegian Poison Information Centre (472)259-1300

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.2 Label Elements:**
GHS Signal Word: None
Hazard-determining components of labelling:
GHS Hazard Phrases:
No phrases apply.
GHS Precautionary Phrases:
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P281 - Use personal protective equipment as required.
GHS Response Phrases:
P308+313 - IF exposed or concerned: Get medical attention/advice.
GHS Storage and Disposal Phrases:
P405 - Store locked up.
P501 - Dispose of contents/container to in compliance with federal regulations.
UFI:
- 2.3 Adverse Human Health Effects and Symptoms:**
- 2.3.1 Inhalation:** The toxicological properties of this substance have not been fully investigated.
- 2.3.2 Skin Contact:** May cause skin irritation.
- 2.3.3 Eye Contact:** May cause eye irritation.
- 2.3.4 Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated. Possible aspiration hazard. May cause irritation of the digestive tract.

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Section 3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
NA	Mineral Oil Trade Secret	Trade Secret	NA NA	Carcinogen 1B: H350
NA	Viscosifier NA	Trade Secret	NA NA	No GHS classifications apply.

Section 4. First Aid Measures

4.1 Description of First Aid

Measures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear. Do NOT use mouth-to-mouth resuscitation. Get medical aid.

In Case of Skin Contact: Wash skin with soap and water. Get medical aid if irritation develops or persists. Wash clothing before reuse. Get medical aid.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Possible aspiration hazard. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Note for the Doctor: Treat symptomatically and supportively.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing Media: Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

5.2 Flammable Properties and Hazards: No data available.

No data available.

Flash Pt: > 204 C (> 400 F) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

5.3 Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 6. Accidental Release Measures

6.1 Protective Precautions, No data available.

Protective Equipment and Emergency Procedures:

6.2 Environmental Precautions: No data available.

6.3 Methods and Material For Containment and Cleaning Up: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Provide ventilation. Sweep up, then place into a suitable

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container for disposal.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Wash thoroughly after handling. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation.
- 7.2 Precautions To Be Taken in Storing:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

Derived No-Effect Levels / Predicted No Effect Concentrations:

NA Mineral Oil

DNEL Worker	Value	Remarks
Long-term - Eyes, local effects 64742-65-0 Petroleum Oil		no hazard identified.
Long-term - Inhalation, local effects		no hazard identified.
Long-term - Inhalation, systemic effects		no hazard identified.
Long-term - Dermal, local effects		no hazard identified.
Long-term - Dermal, systemic effects		no hazard identified.
Acute - Inhalation, local effects	5.600 mg/m ³	DNEL (Derived No Effect Level)
Acute - Inhalation, systemic effects	2.700 mg/m ³	DNEL (Derived No Effect Level)
Acute - Dermal, local effects		high hazard (no threshold derived)
Acute - Dermal, systemic effects	1.000 mg/kg bw/day	DNEL (Derived No Effect Level)
DNEL Consumer	Value	Remarks
Long-term - Eyes, local effects		hazard unknown but no further hazard information necessary as no exposure expected.
Long-term - Inhalation, local effects		hazard unknown but no further hazard information necessary as no exposure expected.
Long-term - Inhalation, systemic effects		hazard unknown but no further hazard information necessary as no exposure expected.
Long-term - Oral, systemic effects		hazard unknown but no further hazard information necessary as no exposure expected.
Long-term - Dermal, local effects		hazard unknown but no further hazard information necessary as no exposure expected.
Long-term - Dermal, systemic effects		hazard unknown but no further hazard information necessary as no exposure expected.
Acute - Inhalation, local effects		hazard unknown but no further hazard information necessary as no exposure expected.
Acute - Inhalation, systemic effects		hazard unknown but no further hazard information necessary as no exposure expected.
Acute - Oral, systemic effects	0.740 mg/kg bw/day	DNEL (Derived No Effect Level)
Acute - Dermal, local effects		hazard unknown but no further hazard information necessary as no exposure expected.
Acute - Dermal, systemic effects		hazard unknown but no further hazard information necessary as no exposure expected.

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PNEC	Value	Remarks
aquatic, sediment, freshwater		no data available: testing technically not feasible.
aquatic, sediment, marine water		no data available: testing technically not feasible.
aquatic, freshwater		no data available: testing technically not feasible.
air		no hazard identified.
aquatic, marine water		no data available: testing technically not feasible.
predators, secondary poisoning	9.330 mg/kg food	
soil		no data available: testing technically not feasible.
aquatic, STP		no data available: testing technically not feasible.

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

8.2.2 Personal protection equipment:

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respiratory Equipment (Specify Type): A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

No data available.

Exposure Scenarios: No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Liquid.
Appearance: yellow.
Odor: Mild Petroleum.

pH: No data.

Melting Point: No data.

Boiling Point: > 500 C

Flash Pt: > 204 C (> 400 F) Method Used: Pensky-Marten Closed Cup

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): > 5 at 25.0 C (77.0 F)

Specific Gravity (Water = 1): .856 - .892 at 25.0 C (77.0 F)

Density: 7.15 - 7.45 LB/GAL at 25.0 C (77.0 F)

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Solubility in Water: < 1 at 25.0 C (77.0 F)
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: 32 - 220 cSt at 40.0 C

9.2 Other Information

9.2.1 Information with regard to physical hazard classes

Information with regard to primary physical hazard:

9.2.2 Other safety characteristics

Percent Volatile: No data.

Section 10. Stability and Reactivity

10.1 Reactivity: No data available.

10.2 Stability: Unstable [] Stable [X]

10.3 Conditions To Avoid - Hazardous Reactions: No data available.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

10.4 Conditions To Avoid - Instability: Incompatible materials, ignition sources, Strong oxidants.

10.5 Incompatibility - Materials To Avoid: Oxidizing agents, Strong oxidizing agents, Halogens, Chlorinated solvents, violent reaction with fluorine/oxygen mixtures containing over 50% fluorine.

10.6 Hazardous Decomposition or Byproducts: Carbon monoxide, irritating and toxic fumes and gases, Carbon dioxide, formaldehyde.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects: Epidemiology: Epidemiological studies involving petroleum refinery workers indicate persons with routine exposure to petroleum or one of its constituents may be at an increased risk to the development of benign neoplasms, digestive tract cancer, and skin cancer.

Teratogenicity: No information available. Reproductive Effects: No information found.

Mutagenicity: Neurotoxicity:

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
NA	Mineral Oil	n.a.	n.a.	n.a.	n.a.
NA	Viscosifier	n.a.	n.a.	n.a.	n.a.

Section 12. Ecological Information

- 12.1 **Toxicity:** No data available.
- 12.2 **Persistence and Degradability:** No data available.
- 12.3 **Bioaccumulative Potential:** No data available.
- 12.4 **Mobility in Soil:** No data available.
- 12.5 **Results of PBT and vPvB assessment:** No data available.
- 12.6 **Other adverse effects:** No data available.

Section 13. Disposal Considerations

- 13.1 **Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
 RCRA P-Series: None listed.
 RCRA U-Series: None listed.

Section 14. Transport Information

- 14.1 **LAND TRANSPORT (US DOT):**
 DOT Proper Shipping Name: Not regulated as a hazardous material
 DOT Hazard Class:
 UN/NA Number:
- 14.1 **LAND TRANSPORT (Canadian TDG):**
 TDG Shipping Name: No information available.
- 14.1 **LAND TRANSPORT (European ADR/RID):**
 ADR/RID Shipping Name: No information available.
 UN Number:
 Hazard Class:
- 14.2 **MARINE TRANSPORT (IMDG/IMO):**
 IMDG/IMO Shipping Name: NOT REGULATED .
 UN Number: Packing Group:
 Hazard Class:
- 14.3 **AIR TRANSPORT (ICAO/IATA):**
 ICAO/IATA Shipping Name: NOT REGULATED .
 UN Number: Packing Group:
 Hazard Class:

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	Mineral Oil	No	No	No
NA	Viscosifier	No	No	No

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Revision: 10/26/2021
Supersedes Revision: 03/11/2020

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Acute toxicity (any route of exposure) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Skin Corrosion or Irritation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Serious eye damage or eye irritation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC)
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CAS #	Components (Chemical Name)	Other US EPA or State Lists
NA	Mineral Oil	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: No
NA	Viscosifier	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: No
CAS #	Components (Chemical Name)	International Regulatory Lists
NA	Mineral Oil	Canadian DSL: Yes; New Zealand IOC: Yes; REACH: Yes - (R): Full, (P), C2
NA	Viscosifier	Canadian DSL: Yes; New Zealand IOC: Yes; REACH: Yes - (P)

Section 16. Other Information

Revision Date: 10/26/2021

Hazard Rating System:

HEALTH	1
FLAMMABILITY	1
PHYSICAL	0
PPE	B

HMIS:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The information contained here is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product with zero or minimum hazards. Our products are improved daily as up-to-date information and research data is received from our suppliers in our quest to use products with less or no hazards. Please feel free to contact us for current information.