



Safety Data Sheet

Stock Number: PL52325G
Date of the latest revision of the safety data sheet: 21-06-2020
Supercedes: 02-06-2020

PROPEL AW ISO 32 HYD 5G

1 Identification

Product Identifier: PROPEL AW ISO 32 HYD 5G
Stock Number: PL52325G
HAW-32-20

Other means of identification:
Synonyms: No data available

Recommended use and restrictions on use:
Recommended use: Hydraulic Oil
Restrictions on use: Uses other than those described above

Initial Supplier Identifier: Warren Distribution, Inc.
950 S. 10th St., Suite 300
Omaha, NE 68108-3296

Tel No.: +01 (800) 825-1235 +01 (402) 341-9397
Email: sds@wd-wpp.com

Emergency telephone number and any restrictions on the use of that number, if applicable: CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2 Hazard identification

Classification of the hazardous product:
Not classified under GHS

Hazard statements: Not applicable

Other hazards known to the supplier with respect to the hazardous product:
Physical hazards not otherwise classified None known.

Health hazards not otherwise classified None known.

3 Composition/information on ingredients

| Chemical Name | Common name and synonyms | CAS registry number and any unique identifiers | Concentration |
|--|--------------------------|--|---------------|
| Petroleum distillates, hydrotreated heavy paraffinic | No data available | 64742-54-7 | 30 - 60 |

4 First-aid measures



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| | |
|---|--|
| Inhalation: | Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. |
| Eye contact: | None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard. |
| Skin Contact: | Wash with soap and water. Get medical attention if irritation develops or persists. |
| Ingestion: | No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS. |
| The most important symptoms and effects, whether acute or delayed: | None known. |
| An indication of immediate medical attention and special treatment needed, if necessary: | No additional first aid information available. |

5 Fire-fighting measures

| | |
|---|---|
| Suitable extinguishing media: | Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid. |
| Unsuitable extinguishing media: | No data available |
| Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion: | Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. |
| Hazardous Combustion Products: | Carbon monoxide, Hydrogen sulfide, Nitrogen containing gases |
| Special protective equipment and precautions for firefighters: | Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire. |

6 Accidental release measures

| | |
|---|---|
| Personal precautions, protective equipment and emergency procedures: | No health affects expected from the clean up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS. |
| Methods and materials for containment and cleaning up: | No special spill clean up considerations. Collect and discard in regular trash. |

7 Handling and storage

| | |
|---|---|
| Precautions for safe handling: | Mildly irritating material. Avoid unnecessary exposure. |
| Conditions for safe storage: | Store in a cool dry place. Isolate from incompatible materials. |
| Materials to Avoid/Chemical Incompatibility: | Strong oxidizing agents |

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8 Exposure controls/personal protection

Control parameters, including occupational exposure limit values or biological limit values and the source of those values:

Canada – Alberta – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|--|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | 10 mg/m ³ STEL | No data available |

Canada – British Columbia – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|--|--|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 0.2 mg/m ³ TWA (mildly refined); 1 mg/m ³ TWA (severely refined) | No data available | No data available |

Canada – Manitoba – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|--|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | No data available | No data available |

Canada – New Brunswick – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|--|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | 10 mg/m ³ STEL | No data available |

Canada – Newfoundland & Labrador – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|--|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | No data available | No data available |

Canada – Northwest Territories – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - | Occupational Exposure Limits - | Occupational Exposure Limits - |
|---------------|--------------------------------|--------------------------------|--------------------------------|
| | | | |

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| | TWAs | STELs | Ceiling |
|---|-------------------------|---------------------------|-------------------|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | 10 mg/m ³ STEL | No data available |

Canada – Nova Scotia – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|---|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | No data available | No data available |

Canada – Nunavut – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|---|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | 10 mg/m ³ STEL | No data available |

Canada – Ontario – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|---|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | No data available | No data available |

Canada – Prince Edward Island – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|---|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | No data available | No data available |

Canada – Quebec – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAEVs | Occupational Exposure Limits - STEVs | Occupational Exposure Limits - Ceiling |
|---|---------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | No data available | No data available | No data available |

Canada – Saskatchewan – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|---|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | 10 mg/m ³ STEL | No data available |



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Canada - Yukon – Occupational Exposure Limits:

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|--|-------------------------------------|--------------------------------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | 10 mg/m ³ STEL | No data available |

| Chemical Name | OSHA PEL | ACGIH TLV-TWA | ACGIH STEL | IDLH |
|--|-------------------------|-------------------------|---------------------------|-------------------|
| Petroleum distillates, hydrotreated heavy paraffinic | 5 mg/m ³ TWA | 5 mg/m ³ TWA | 10 mg/m ³ STEL | No data available |

Appropriate engineering controls: Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye and face protection: Wear safety glasses when handling this product if there is a likelihood of contact with eyes.

Skin Protection: Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Hand protection: Neoprene, Nitrile

General hygiene conditions: No data available

9 Physical and chemical properties

| | |
|---|-------------------|
| Physical state: | Liquid |
| Colour: | Amber |
| Odour: | Mild |
| Odour threshold: | Not determined |
| pH: | No data available |
| Melting point (°C): | No data available |
| Freezing point (°C): | No data available |
| Initial boiling point and boiling range (°C): | No data available |
| Flash point (°C): | 226 |
| Evaporation rate: | No data available |
| Flammability, in the case of solids and | No data available |



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gases:
Upper flammable or explosive limit, % in air: Not established
Lower flammable or explosive limit, % in air: Not established
Vapour pressure: No data available
Vapour density: No data available
Relative density: 0.86
Solubility: Negligible; 0-1%
Partition coefficient — n-octanol/water: No data available

Auto-ignition temperature (°C): No data available
Decomposition temperature (°C): Not determined
Viscosity: 31.71

10 Stability and reactivity

Reactivity: There are no known reactivity hazards associated with this product.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: None expected under standard conditions of storage.
Conditions to avoid, including static discharge, shock or vibration: Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation).
Incompatible materials: Strong oxidizing agents
Hazardous decomposition products: Carbon monoxide Hydrogen sulfide Nitrogen containing gases

11 Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Eye contact, Ingestion, Inhalation, Skin contact
Symptoms related to the physical, chemical and toxicological characteristics: None known.

Immediate effects from short term exposure:

Inhalation: Likely to be practically non-toxic based on animal data. No hazard in normal industrial use.
Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.
Eye Contact: This material is likely to be non-irritating to eyes based on animal data.
Ingestion: Estimated to be > 5.0 g/kg. No hazard in normal industrial use.



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Delayed and chronic effects from long term exposure:

Carcinogenicity: Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

Reproductive and Developmental Toxicity: Not known or reported to cause reproductive or developmental toxicity.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Skin Contact: Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Numerical measures of toxicity, including ATEs Based on available data, the classification criteria are not met.

12 Ecological information

Ecotoxicity (aquatic and terrestrial, if available): Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

Ecological Toxicity Data:

| Chemical Name | CAS registry number and any unique identifiers | Aquatic EC50 Crustacea | Aquatic ERC50 Algae | Aquatic LC50 Fish |
|--|--|--------------------------------------|---------------------|--------------------------------------|
| 2,6-Di-tert-butylphenol | 128-39-2 | EC50 (48h) Daphnia magna 0.45 mg/L | No data available | No data available |
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | EC50 (48h) Daphnia magna > 1000 mg/L | No data available | LC50 (96h) Rainbow Trout > 5000 mg/L |

Persistence and degradability: Biodegrades slowly.

Bioaccumulative potential: Bioconcentration may occur.

Mobility in soil: This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

Other adverse effects: None known.

13 Disposal considerations

Information on safe handling for disposal and methods of disposal, including any contaminated packaging: Spent or discarded material is non-hazardous according to environmental regulations.

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14 Transport information

Transportation of Dangerous Goods by land (TDG):

UN number: Not regulated for road transport
UN Proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable

International carriage of dangerous goods by sea (IMDG/IMO):

UN number: Not regulated by IMDG
UN Proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable

International carriage of dangerous goods by air (IATA):

UN number: Not regulated by IATA
UN Proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable

Environmental hazards according to the International Maritime Dangerous Goods Code and the United Nations Model Regulations: No

Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78) and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)): No data available

Special precautions in connection with transport or conveyance either within or outside the premises: No data available

15 Regulatory information

Safety, health and environmental regulations, made within or outside Canada, specific to the product in question:

Canada - Domestic Substances List (DSL):

| Chemical Name | CAS No | Canada - Domestic Substances List (DSL) |
|-------------------------------------|------------|---|
| Petroleum distillates, hydrotreated | 64742-54-7 | Yes |

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| | | |
|------------------|--|--|
| heavy paraffinic | | |
|------------------|--|--|

Canada - Non-Domestic Substances List (NDSL):

| Chemical Name | CAS No | Canada - Non-Domestic Substances List (NDSL) |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

Canada - Controlled Drugs and Substances:

| Chemical Name | CAS No | Schedule I | Schedule II | Schedule III | Schedule IV | Schedule V | Schedule VII | Schedule VIII |
|--|------------|------------|-------------|--------------|-------------|------------|--------------|---------------|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No | No | No | No | No | No | No |

| Chemical Name | CAS No | Class A Precursors | Class B Precursors | Exempt Precursors | Class 1 Targeted Substances | Class 2 Targeted Substances |
|--|------------|--------------------|--------------------|-------------------|-----------------------------|-----------------------------|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No | No | No | No | No |

Canada - CEPA - Schedule III Export Control List:

| Chemical Name | CAS No | Part 1 Prohibited Substances | Part 2 Substances Subject to Notification or Consent | Part 3 Restricted Substances | Export Control List |
|--|------------|------------------------------|--|------------------------------|---------------------|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No | No | No | No |

Canada CEPA - 2015 Greenhouse Gases (GHG) Subject to Mandatory Reporting:

| Chemical Name | CAS No | Canada CEPA - 2015 Greenhouse Gases (GHG) Subject to Mandatory Reporting |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

Canada - Narcotic Control Regulations (C.R.C., c. 1041):

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| Chemical Name | CAS No | Canada - Narcotic Control Regulations (C.R.C., c. 1041) |
|--|------------|---|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

Canada - Ontario - Toxics Reduction - List of Priority Toxics:

| Chemical Name | CAS No | Canada - Ontario - Toxics Reduction - List of Priority Toxics |
|--|------------|---|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

Stockholm Convention on Persistent Organic Pollutants:

| Chemical Name | CAS No | Stockholm Convention on Persistent Organic Pollutants |
|--|------------|---|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade:

| Chemical Name | CAS No | Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade . |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

(United Nations) - Kyoto Protocol - Convention on Climate Change - Greenhouse Gases (GHGs):

| Chemical Name | CAS No | (United Nations) - Kyoto Protocol - Convention on Climate Change - Greenhouse Gases (GHGs) |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

Montreal Protocol on Substances that Deplete the Ozone Layer:

| Chemical Name | CAS No | Montreal Protocol on Substances that Deplete the Ozone Layer |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.:



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| Chemical Name | CAS No | Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal. |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | No |

16 Other information

Date of the latest revision of the safety data sheet: 21-06-2020

Revision Number: 24

Reason for revision: Activated by Document Formulation Generation

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