

Stock Number: PFI4325G

Date of the latest revision of the safety data sheet: 02-05-2024

Supercedes: 01-05-2024

PG CAN AW ISO 32 5G

1 Identification

Product Identifier: PG CAN AW ISO 32 5G

Stock Number: PFI4325G

Other means of identification:

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: Highline Warren LLC

8700 Trail Lake Drive West

Suite 300

Memphis, TN 38125 +01 (901) 437-8615

Email: sds@highlinewarren.com

Emergency telephone number and any

restrictions on the use of that number,

if applicable:

Tel No.:

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 None known.

classified

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
Distillates, petroleum, solvent-dewaxed heavy paraffinic	No data available	64742-65-0	15 - 40
Petroleum distillates, hydrotreated	No data available	64742-54-7	45 - 70



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heavy paraffinic	
4 First aid magazina	
4 First-aid measures	
Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eye contact:	Use eye wash to remove a chemical from the eye. Flush the affected eye for at least fifteen minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention if irritation persists.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.
The most important symptoms and	May cause mild skin irritation.

effects, whether acute or delayed:

An indication of immediate medical attention and special treatment

needed, if necessary:

No additional first aid information available.

			ting		

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: Do not use direct water stream.

Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion:

Hazardous Combustion Products:

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Carbon monoxide, Sulfur containing gases, Nitrogen containing gases,

oxides of phosphorus, Hydrogen sulfide

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:

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal



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protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center.

7 Handling and storage

Precautions for safe handling: Conditions for safe storage:

Materials to Avoid/Chemical

Incompatibility:

Mildly irritating material. Avoid unnecessary exposure.

Store in a cool dry place. Isolate from incompatible materials.

Strong oxidizing agents

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/m3 TWA	10 mg/m3 STEL	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	10 mg/m3 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/m3 TWA (mildly refined); 1 mg/m3 TWA (severely refined)	No data available	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	No data available	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/m3 TWA	No data available	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	No data available	No data available



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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/m3 TWA	10 mg/m3 STEL	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	10 mg/m3 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/m3 TWA	No data available	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	No data available	No data available

Canada – Northwest Territories – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Petroleum distillates, hydrotreated heavy paraffinic	5 mg/m3 TWA	10 mg/m3 STEL	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	10 mg/m3 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/m3 TWA	No data available	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 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/m3 TWA	10 mg/m3 STEL	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	10 mg/m3 STEL	No data available



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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/m3 TWA	No data available	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 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/m3 TWA	No data available	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 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
Distillates, petroleum, solvent- dewaxed 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/m3 TWA	10 mg/m3 STEL	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	10 mg/m3 STEL	No data available

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/m3 TWA	10 mg/m3 STEL	No data available
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	10 mg/m3 STEL	No data available



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Chemical Name	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL	IDLH
Petroleum distillates, hydrotreated	5 mg/m3 TWA	5 mg/m3 TWA	10 mg/m3 STEL	No data available
heavy paraffinic				
Distillates, petroleum, solvent- dewaxed heavy paraffinic	5 mg/m3 TWA	5 mg/m3 TWA	10 mg/m3 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.

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

Respirator Type(s):

Physical state: Liquid

Colour: Colorless to pale yellow

Odour: Mild

Petroleum

Odour threshold: Not determined No data available

pH: No data available Melting point (°C): No data available Freezing point (°C): No data available

Initial boiling point and boiling range

(°C):

210

Flash point (°C):

Evaporation rate: No data available Flammability, in the case of solids and No data available

Upper flammable or explosive limit, %

in air:

Not established



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Lower flammable or explosive limit, %

in air:

Not established

Vapour pressure:No data availableVapour density:No data available

Relative density: 0.86
Solubility: Insoluble

Partition coefficient — n-octanol/water: No data available

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

Viscosity: 32.09

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

Temperatures above the high flash point of this combustible material in

discharge, **shock or vibration**: 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, Sulfur containing gases, Nitrogen containing gases,

oxides of phosphorus, Hydrogen sulfide

11 Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin

and eye contact):

Symptoms related to the physical,

chemical and toxicological

characteristics:

Eye contact, Ingestion, Inhalation, Skin contact

May cause mild skin irritation.

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: This material is likely to be slightly irritating to skin based on animal data.

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. **Sensitization:** No data available to indicate product or components may be a skin

sensitizer.



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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:

Mutagenicity:

Not known or reported to cause reproductive or developmental toxicity.

No data available to indicate product or any components present at

greater than 0.1% is mutagenic or genotoxic.

STOT-single exposure:

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

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):

Slight ecological hazard. In high concentrations, 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
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
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 applicableTransport hazard class(es):Not applicablePacking group:Not applicable

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

UN number: Not regulated by IMDG

UN Proper shipping name:Not applicableTransport hazard class(es):Not applicablePacking group:Not applicable

International carriage of dangerous goods by air (IATA):

UN number: Not regulated by IATA

UN Proper shipping name:Not applicableTransport hazard class(es):Not applicablePacking group:Not applicable

Environmental hazards according to the No

International Maritime Dangerous Goods Code and the United Nations

Model Regulations:

Transport in bulk (according to Annex II No data available

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)):

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		
Distillates, petroleum, solvent-dewaxed	64742-65-0	Yes
heavy paraffinic	04742-03-0	163

Canada - Non-Domestic Substances List (NDSL):

Chemical Name	CAS No	Canada - Non-Domestic Substances List (NDSL)
Petroleum distillates, hydrotreated	64742-54-7	No
heavy paraffinic	017 12 01 7	140
Distillates, petroleum, solvent-dewaxed	64742-65-0	No
heavy paraffinic	04/42-00-0	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
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	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
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	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,	64742-54-7	No	No	No	No



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hydrotreated heavy paraffinic					
Distillates, petroleum, solvent-dewaxed heavy	64742-65-0	No	No	No	No
paraffinic					

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
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	No

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

Chemical Name	CAS No	Canada - Narcotic Control Regulations (C.R.C., c. 1041)
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	No
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	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
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	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
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	No



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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
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	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
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	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
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	No

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

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
Distillates, petroleum, solvent- dewaxed heavy paraffinic	64742-65-0	No

16 Other information



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data sheet: Revision Number: Reason for revision:

Disclaimer:

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Activated by Document Formulation Generation

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