

Signature® Rust Proof Oil

Safety Data Sheet



SECTION 1 IDENTIFICATION

Product Name: Signature® Rust Proof Oil

Distributor Information:

Parman Energy Corporation
7101 Cockrill Bend Blvd
Nashville, TN 37209
(800) 727-7920

Product Use: Industrial applications: Lubricants; oil

Emergency Phone Number:

PERS (800) 633-8253

SECTION 2 HAZARD(S) IDENTIFICATION

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the substance or mixture:

FLAMMABLE LIQUIDS – Category 3
SKIN SENSITIZATION – Category 1
ASPIRATION HAZARD – Category 1

GHS Label Elements:

Hazardous pictogram:



Signal Word: Danger

Hazard Statements:

Flammable liquid and vapor.
May cause an allergic skin reaction.
May be fatal if swallowed and enters airways.

Precautionary Statements:

Prevention: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Avoid breathing vapor. Contaminated work clothing should not be allowed out of the workplace.

Response: IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

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Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards Not Otherwise Classified: None known.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Other means of identification: Not available

CAS Number/Other Identifiers:

Ingredient Name	%	CAS Number
Petroleum distillates, hydrotreated light	80-95	64742-47-8
Petroleum distillates, hydrotreated heavy naphthenic	5-10	64742-52-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4 FIRST-AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Ingestion: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Most important symptoms/effects, acute and delayed:

Eye Contact: No known significant effects or critical hazards.

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Inhalation: No known significant effects or critical hazards.

Skin Contact: May cause an allergic skin reaction.

Ingestion: May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

Eye Contact: No specific data.

Inhalation: No specific data.

Skin Contact: Adverse symptoms may include the following: Irritation, Redness

Ingestion: Adverse symptoms may include the following: Nausea, Vomiting

Indication of immediate medical attention and special treatment needed (if necessary):

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific Treatments: No specific treatment.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

SECTION 5 FIRE-FIGHTING MEASURES

Extinguishing Media: Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable Extinguishing Media: Do not use water jet.

Specific Hazards Arising from the Chemical: Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous Thermal Decomposition Products: No specific data.

Special Protective Actions for Fire-Fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special Protective Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

For Non-Emergency Personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking, or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For Emergency Responders: if specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Methods and Materials Used for Containment and Clean-Up

Small Spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7 HANDLING AND STORAGE

Precautionary Measures:

Protective Measures: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not swallow. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general hygiene practices: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed

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and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational exposure limits

Ingredient Name	Exposure Limits
Petroleum distillates, hydrotreated light	ACGIH TLV (United States). TWA: 400 ppm 8 hours.
Petroleum distillates, hydrotreated heavy naphthenic	TWA: 5mg/m ³

Appropriate Engineering Controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Personal Protective Equipment:

Personal Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace.

Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the

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product and the safe working limits of the selected respirator.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Physical State: Liquid

Color: Amber

Odor: Characteristic hydrocarbon solvent odor.

Odor Threshold: Not applicable

pH: Not applicable

Melting Point: -58°C (-72.4°F)

Boiling Point: 175 to 270°C (347 to 518°F)

Flash Point: Closed cup: 80°C (176°F) [Tagliabue (ASTM D-56)]

Evaporation Rate: <1 (n-butyl acetate. = 1)

Flammability (solid, gas): Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.

Lower and Upper explosive (flammable) limits: Lower: 0.6%, Upper: 5.5%

Vapor Pressure: 0.03 to 0.06 kPa (0.225 to 0.45 mm Hg) [room temperature]

Vapor Density: 4.5 [Air = 1]

Relative Density: 0.819 g/cm³

Solubility: Very slightly soluble in the following materials: cold water.

Partition Coefficient:

n-octanol/water: Not available

Auto-ignition temperature: 236°C (456.8°F)

Decomposition Temperature: Not available

Viscosity: Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product

Chemical Stability: Stable

Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Incompatibility With Other Materials: Reactive or incompatible with the following materials: oxidizing materials.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity

Product/Ingredient Name	LD50 Dermal	Species	Dose	Exposure	Resu

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	LD50 Oral LD50			
Distillates (petroleum), solvent-dewaxed heavy paraffinic		Rabbit	>5000 mg/kg	-
barium bis (dinonylnaphthalenesulphonate)		Rat	>5000 mg/kg	-
		Rat	>5000 mg/kg	-

Irritation/Corrosion

Product/Ingredient Name	Eyes – Mild irritant Eyes – Severe Irritant Skin – Moderate Irritant	Species	Score	Exposure	Observation
barium bis (dinonylnaphthalenesulphonate)	Eyes – Mild irritant	Rabbit	-	0.1 Milliliters	-
	Eyes – Severe Irritant	Rabbit	-	0.1 Milliliters	-
	Skin – Moderate Irritant	Rabbit	-	0.5 Milliliters	-

Conclusion/Summary:

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Respiratory: Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation. Pre-existing respiratory disorders may be aggravated by over-exposure to this product.

Sensitization Conclusion/Summary:

Skin: No specific information is available in our database regarding the skin sensitizing properties of this product. Sensitization not suspected for humans.

Respiratory: Sensitization not suspected for humans.

Mutagenicity Conclusion/Summary: There are no data available on the mixture itself. Mutagenicity not suspected for humans.

Carcinogenicity Conclusion/Summary: There are no data available on the mixture itself. Carcinogenicity not suspected for humans.

Reproductive Toxicity Conclusion/Summary: There are no data available on the mixture itself. Not considered to be dangerous to humans, according to our database.

Teratogenicity Conclusion/Summary: There are no data available on the mixture itself. Teratogenicity not suspected for humans.

Specific Target Organ Toxicity (single exposure): Not available

Specific Target Organ Toxicity (repeated exposure): Not available

Aspiration Hazard

Name	ASPIRATION HAZARD – Category 1
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ASPIRATION HAZARD – Category 1

Information on the likely routes of exposure: Routes of entry anticipated: Oral, Dermal, Inhalation.

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Potential Acute Effects:

Eye Contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin Contact: May cause an allergic skin reaction.

Ingestion: May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics.

Eye Contact: No specific data

Inhalation: No specific data

Skin Contact: Adverse symptoms may include the following: Irritation, Redness

Ingestion: Adverse symptoms may include the following: Nausea, Vomiting

Delayed and Immediate Effects & Chronic Effects from Short & Long Term Exposure

Short Term Exposure

Potential Immediate Effects: Not available

Potential Delayed Effects: Not available

Long Term Exposure:

Potential Immediate Effects: Not available

Potential Delayed Effects: Not available

Potential Chronic Health Effects:

Conclusion/Summary: Contains material that may cause target organ damage, based on animal data.

General: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental Effects: No known significant effects or critical hazards.

Fertility Effects: No known significant effects or critical hazards.

Numerical Measure of Toxicity

Acute Toxicity Estimates: Not available

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Conclusion/Summary: There is no data available on the mixture itself.

Persistence and degradability: This product has not been tested for biodegradation. Not expected to be rapidly degradable. This substance is not expected to bioaccumulate through food chains in the environment.

Product/Ingredient Name	LogP _{ow}	BCF	Potential
Petroleum distillates, hydrotreated light	2.8 to 6.5	99 to 5780	high

Bioaccumulative potential: Not available

Mobility in Soil: Not available

Other Adverse Effects: No known significant effects or critical hazards

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SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld, or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways drains and sewers.

Contaminated Packaging: Do not reuse container

SECTION 14 TRANSPORT INFORMATION

	DOT Classification	IMDG	IATA
UN number	NA 1993	Not regulated.	Not regulated.
UN proper shipping name	NA 1993, Combustible Liquid, n.o.s (Naphtha Solvent) Combustible Liquid	-	-
Transport hazard class(es)	Combustible liquid.	-	-
Packing group	Combustible Liquid	-	-
Environmental hazards	No.	No.	No.
Additional information	Packaging instruction Passenger aircraft Quantity limitation: 60 L Packaging instructions: 203 (non-bulk) Cargo aircraft Quantity limitation: 220 L Packaging instructions: 203 (non-bulk), 241(bulk)	-	-

Special Precautions for User: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available

SECTION 15 REGULATORY INFORMATION

U.S. Federal Regulations: TSCA 89a) CDR Exempt/Partial Exemption: Not determined

United States Toxic Substance Control Act (TSCA): All components are listed or exempted.

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Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed

Clean Air Act Section 602 Class I Substances: Not listed

Clean Air Act Section 602 Class II Substances: Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

SARA 302/304 Composition/Information on Ingredients: No products were found.

Sara 304 RQ: Not applicable

SARA 311/312 Classification: Fire hazard, Immediate (acute) health hazard

Name	Fire Hazard	Sudden Release of Pressure	Reactive	Immediate (Acute) Health Hazard	Delayed (Chronic) Health Hazard
Petroleum distillates, hydrotreated light	Yes	No	No	Yes	No
Petroleum distillates, hydrotreated heavy naphthenic	No	No	No	Yes	No

State Regulations:

Connecticut Carcinogen Reporting: None of the components are listed.

Connecticut Hazardous Material Survey: None of the components are listed.

Florida Substances: None of the components are listed.

Illinois Chemical Safety Act: None of the components are listed.

Illinois Toxic Substances Disclosure to Employee Act: None of the components are listed.

Louisiana Reporting: None of the components are listed.

Louisiana Spill: None of the components are listed.

Massachusetts Spill: None of the components are listed.

Massachusetts Substances: None of the components are listed.

Michigan Critical Material: None of the components are listed.

Minnesota Hazardous Substances: None of the components are listed.

New York Acutely Hazardous Substances: None of the components are listed.

New York Toxic Chemical Release Reporting: None of the components are listed.

New Jersey Spill: None of the components are listed.

New Jersey Toxic Catastrophe Prevention Act: None of the components are listed.

New Jersey Hazardous Substances: None of the components are listed.

Pennsylvania RTK Hazardous Substances: None of the components are listed.

Rhode Island Hazardous Substances: None of the components are listed.

California (Proposition 65): None of the components are listed.

International Regulations:

Chemical Weapon Convention List Schedules I, II & III Chemicals: Not listed

Montreal Protocol (Annexes A, B, C, E): Not listed

International Lists:

Australia Inventory: All components are listed or exempted

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China Inventory: All components are listed or exempted
Europe Inventory: All components are listed or exempted
Japan Inventory: Not determined
Malaysia Inventory: Not determined
New Zealand Inventory: All components are listed or exempted
Philippines Inventory: All components are listed or exempted
Republic of Korea: All components are listed or exempted
Taiwan Inventory: All components are listed or exempted

Canada WHMIS (Canada): Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F)

Canadian Lists:

Canadian NPRI: The following components are listed: Heavy alkylate naphtha

CEPA Toxic Substances: None of the components are listed.

Canada Inventory; DSL/NDSL: All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

SECTION 16 OTHER INFORMATION

NFPA Ratings	1	HMIS Rating	
NFPA Health Hazard	2	HMIS Health Hazard	1
NFPA Fire Hazard	0	HMIS Fire Hazard	2
NFPA Reactivity	0	HMIS Reactivity	0

Key: 0 = least; 1 = slight; 2 = moderate; 3 = high; 4 = extreme

Caution: HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS ratings are to be used with a fully implemented HMIS program. HMIS is a registered mark of the National Paint & Coatings Association (NPCA). HMIS materials may be purchased exclusively from J.J. Keller. The customer is responsible for determining the PPE code for this material.

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Copyright 2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Issuing/Revision Date: 01 April 2015

Version: 1

Key to abbreviations:

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

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GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogP_{ow} = Logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Parman Energy makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity, and suitability of his own use, handling, and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Parman Energy as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Parman Energy assume liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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