

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME **SCOPE PEGASO GRADES** SAE **ALL**  
**Product Use** Passenger Car Motor Oil **ALL 0WXX, 5WXX, 10WXX GRADES**  
**Uses advised against:** No additional information available  
**Company Identification**  
 United Grease and Lubricants Co LLC, PO Box 2685, Ajman, United Arab Emirates. Wwww.unitedgrease.com  
**Transportation Emergency Response** (971)(56) 7678510  
**Health Emergency** (971)(56) 7678510  
**Product Information** (971)(56) 7678510

**SECTION 2 HAZARDS IDENTIFICATION**

Classification Not classified as hazardous according to 29 CFR 1910.1200 (2012)  
 Hazards Not Otherwise Classified Not applicable  
 EC Index No **N/A** EC No **N/A** CAS No **N/A** REACH Registration No **N/A**

**SECTION 2 Label Elements**

Labelling according to Regulation (EC) No. 1272/2008 (CLP) **Eye Irrit 2 H 319**  
 Hazard Pictograms (CLP)



GHS 07

CLP Signal word Warning  
 Hazardous Ingredients and/or with relevant occupational exposure limits Contains: Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr) esters, zinc salts  
 Hazardous Statements (CLP) H 319 - Causes serious eye irritation  
 Precautionary statements (CLP) P102 - Keep out of reach of children  
 P280 - Wear eye protection  
 P305+P351+P338 - IF IN EYES - Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing  
 P337+P313 - If eye irritation persists: get medical advice/attention  
 EUH Phrases EUH208 - Contains calcium sulphonate - may produce an allergetic reaction  
 Other General Advice (Not applicable - Classified as dangerous according to EC No 1272/2008)

This substance/mixture does not meet the PBT criteria of REACH, Annex III  
 This substance/mixture does not meet the vPvB criteria of REACH, Annex III

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS (MIXTURES AS PER EU DIRECTIVES)**

Composition/information on ingredients Synthetic base stock (Polyolefins)  
 Synthetic base oil (ester)  
 Mineral base oil, severely refined (diluent for additives)  
 Additives  
**Hazardous ingredients and/or with relevant occupational exposure limits** See table  
 -----  
 The substances identified as IMPURITY are impurities and/or secondary reaction products in the components, and are not added deliberately to the final product

Components/Name	Product Identifier	%	Classification according to 67/548/EEC
Mineral base oil, severely refined (main component)		9.99 - 14.99	Not classified
Phosphorodithioic acid, mixed o,o-bis (1,3-dimethylbutyl and iso-Pr) esters, zinc salts (Additives)	CAS 84605-29-8 EC 283-392-8 EC Index No. N/A REACH No. 01211949362626	0.99-1.49	Xi: R41 Xi: R 38 N: R51/53
Reaction mass of isomers of C7-9 alkyl 3-(3,5 di-trans-butyl-4-hydroxyphenyl) propionate (Additive)	CAS 125643-61-0	0.99-1.49	R53
	EC 406-040-9		
	EC Index 607-530-00-7		
	REACH No. N/D		
Benzene, mono C-10-13 alkyl derivatives, fractionation bottoms, heavy ends, sulfonated, calcium salts (additive)	CAS 148520847	0.99-1.49	R 43
	EC No. NA		
	EC Index NA		
	REACH No. N/D		
Ethoxylated nonylphenol (additive) substance listed as REACH candidate (4-Nonylphenol) branched and linear, ethxylated)	CAS 9016 45 9	0.49 to 0.99	Xn: R22  Xi: R41  N:R51/53
	EC No. Polymer		
	EC Index NA		
	REACH No. N/D		
Alkylated diphenylamines (Additive)	CAS : N/a	0.49 to 0.99	R 53
	EC No. NA		
	EC Index NA		
	REACH No. N/D		
Phenol, dodecyl-, branched, sulfurized (additive)	CAS 96152431	0.149 - 0.249	R 53
	EC No. 3061155		
	EC Index NA		
	REACH No. 01211949261628		
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Components/Name	Product Identifier	%	Classification according to 67/548/EEC
Benzenesulfonic acid, mono - C16-24 alkyl derivs., calcium salts (Additive)	CAS 70024690	0.149 - 0.19	R 43
	EC No. 2742637		
	EC Index NA		
	REACH No. 01211949261628		
Dodecylphenol, mixed isomers, branched (IMPURITY)	CAS 121158585	0.149 - 0.19	Repr. Cat 3: R62  Xi: R36/38  N:R50/53
	EC No. 3101543		
	EC Index NA		
	REACH No. 01211951320749		
Components/Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 (CLP)
Mineral base oil, severely refined (main component)		9.99 - 14.99	Not classified
Phosphorodithioic acid, mixed o,o-bis (1,3-dimethylbutyl and iso-Pr) esters, zinc salts (Additives)	CAS 84605-29-8	0.99-1.49	Skin Irrit. 2, H 315  Eye Dam. 1, H 318  Aquatic Chronic: 2, H441
	EC 283-392-8		
	EC Index No. N/A		
	REACH No. 01211949362626		
Reaction mass of isomers of C7-9 alkyl 3-(3,5 di-trans-butyl-4-hydroxyphenyl) propionate (Additive)	CAS 125643-61-0	0.99-1.49	Aquatic Chronic: 2, H413
	EC 406-040-9		
	EC Index 607-530-00-7		
	REACH No. N/D		
Benzene, mono C-10-13 alkyl derivatives, fractionation bottoms, heavy ends, sulfonated, calcium salts (additive)	CAS 148520847	0.99-1.49	Skin Sens. 1A, H 317
	EC No. NA		
	EC Index NA		
	REACH No. N/D		
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Components/Name	Product Identifier	%	Classification according to 67/548/EEC
Ethoxylated nonylphenol (additive) substance listed as REACH candidate (4-Nonylphenol) branched and linear, ethxylated)	CAS 9016 45 9	0.49 to 0.99	Acute Toxic 4 (Oral), H 302  Eye Dam. 1, H 318  Aquatic Chronic: 2, H441
	EC No. Polymer		
	EC Index NA		
	REACH No. N/D		
Alkylated diphenylamines (Additive)	CAS : N/a	0.49 to 0.99	Aquatic Chronic: 2, H412
	EC No. NA		
	EC Index NA		
	REACH No. N/D		
Phenol, dodecyl-, branched, sulfurized (additive)	CAS 96152431	0.149 - 0.249	Aquatic Chronic: 2, H413
	EC No. 3061155		
	EC Index NA		
	REACH No. 01211949261628		
Benzenesulfonic acid, mono - C16-24 alkyl derivs., calcium salts (Additive)	CAS 70024690	0.149 - 0.19	Skin Sens. 1A, H 317
	EC No. 2742637		
	EC Index NA		
	REACH No. 01211949261628		
Dodecylphenol, mixed isomers, branched (IMPURITY)	CAS 121158585	0.149 - 0.19	Skin Irrit. 2, H 315  Eye Irrit. 2, H 319  Repr 2, H 316f  Acuatic Acute 1, H 400  Aquatic Chronic, 1, H 410
	EC No. 3101543		
	EC Index NA		
	REACH No. 01211951320749		

For full text of R-, H- and EUH Phrases: See section 16

#### SECTION 4 - FIRST AID MEASURES

Description of first aid measures

**Eye** No specific first aid measures are required. As a precaution, remove contact lenses if worn, and flush eyes with water for 15 minutes. Eye Irritant as per EC 1272/2008 (CLP) EYE IRRIT 2 H 319 (Full text of H-Phrases - see section below)  
In case of spontaneous vomiting, transport the victim to a hospital, to verify the possibility that the product has been aspired into the lungs. Keep eye lids apart while flushing

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**Skin** No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before re-use. Prolonged and repeated skin contact may cause reddening, irritation and dermatitis. Any material in case of accidents involving pressurized circuits and the like, may be accidentally injected under the skin, even without external damage. In such a case, the victim should be brought to a hospital as soon as possible, to get specialized medical treatment. Do not wait for symptoms to develop. Body hypothermia should be avoided; do not put ice on the burn

**Ingestion** No specific first aid measures are required. DO NOT induce vomiting. As a precaution, get medical advice. In case of disturbances owing to inhalation of vapors or mists remove the victim from exposure; keep at rest.. Keep head low to avoid this risk. DO not give anything by mouth to an unconscious person

**Inhalation** No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs

**Classification according to Directive 67/548/EEC or 1999/45/EC** - Not classified

**Most important symptoms and effects, both acute and delayed**

**IMMEDIATE HEALTH EFFECTS**

**Eye** Injurious to the Eyes. Eye irritant 2 H 319 Contact with hot products may cause burns

**Skin** Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin

**Ingestion** May cause irritation, nausea and gastric disturbances. Ingestion of large quantities unlikely

**Inhalation** Not expected to be harmful if inhaled. Contains a synthetic hydrocarbon oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure level. Symptoms of respiratory irritation may include coughing and difficulty in breathing

**DELAYED OR OTHER HEALTH EFFECTS** Not classified Intravenous administration: No information

**Indication of any immediate medical attention and special treatment needed** If there is any suspicion of inhalation of H2S, the victim should be sent to hospital. Immediately begin artificial respiration if breathing has ceased. Administer Oxygen if necessary

**SECTION 5 - FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA** Use water fog, foam, dry chemical powder, sand/earth or carbon dioxide to extinguish flames

**UNSUITABLE** Do not use water jets They could cause splattering, and spread the fire.

**EXTINGUISHING MEDIA** Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam

**PROTECTION OF FIRE FIGHTERS**

**Fire Fighting Instructions** This material will burn although it is not easily ignited. See section 7 for proper handling and storage. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus

**Combustion Products** Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion may form oxides of:

## Nitrogen, Sulfur, Aldehydes, Calcium, Zinc and Phosphorous

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Protective Measures</b>	Eliminate all sources of ignition in vicinity of spilled material. Keep upwind
<b>Spill Management</b>	Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or ground water. Clean up spill as soon as possible, observing precautions in Exposure Control/ Personal protection section. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated material in disposal containers and dispose off in a manner consistent with applicable local regulations, Avoid going to water bodies
<b>Reporting</b>	Report spills to local authorities as appropriate or required

### SECTION 7 HANDLING AND STORAGE

<b>General Handling Information</b>	Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water		
<b>Precautionary Measures</b>	Keep out of reach of children Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures		
<b>Static Hazard</b>			
<b>Container Warnings</b>	Container is not designed to contain pressures. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid and/or vapour) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed off properly		
<b>Handling Temperature</b>	0 to 65 deg C	<b>Storage temperature</b>	0 to 55 deg C

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

#### GENERAL CONSIDERATIONS

Consider the potential hazards of this material (See Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

#### ENGINEERING CONTROLS

Use in a well ventilated area. Check levels of O<sub>2</sub>, flammability and Sulfur before entering confined area

#### PERSONAL PROTECTIVE EQUIPMENT

**Eye/Face Protection** Face shield/Safety glasses is normally promoted. Where splashing is possible, wear safety glasses with side shields as a good safety practice

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**Skin Protection** No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include:

**4H (PE/EVAL), Nitrile rubber, Silver shield, Viton**

**Respiratory Protection** No respiratory protection is normally required  
If user operations generate an oil mist, determine if airborne concentrations are below the occupational exposure limit for mineral oil mist. If not, wear an approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators, use a particulate cartridge

Use a positive pressure air-supplying respirator in circumstances where air purifying respirators may not provide adequate protection

**Occupational Exposure Limits:**

Component	Agency	Form	TWA	STEL	Ceiling	Notation
Distillates, hydrotreated heavy paraffinic	ACGIH	--	5 mg/m3	10 mg/m3	--	--
Distillates, hydrotreated heavy paraffinic	OSHA Z-1	Mist	5 mg/m3	--	--	--
Distillates, hydrotreated heavy paraffinic	OSHA Z-1	--	5 mg/m3	--	--	--
Distillates, hydrotreated heavy paraffinic, DMSO <3%	Most of Europe	Mist	5-10 mg/m3	--	--	--

**Mineral base oil, severely refined**

DNEL/DMEL (workers)

Long term - systemic effects, inhalation	=5.4 mg/m3/day (DNEL - mineral oil mist- severely refined, DMSO < 3 % m/m)
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DNEL/DMEL (General Population)

Long term - systemic effects, inhalation	=1.2 mg/m3/day (DNEL - mineral oil mist- severely refined, DMSO < 3 % m/m)
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Please consult local authorities for appropriate values

**Phosphorodithioc acid, mixed O,O-bis(1,3 dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)**

DNEL/DMEL (workers)

Long Term - systemic effects, dermal	12.1 mg/kg of body weight/day
Long term - systemic effects, inhalation	3.526 mg/m3
PNEC (Water)	
PNEC aqua (freshwater)	0.25 mg/l
PNEC aqua (Marine water)	0.024 mg/l
PNEC aqua (intermittent, fresh water)	2.5 mg/l

<b>PNEC (SOIL)</b>	
PNEC Soil	0.0548 mg/kg DWT
<b>Phenol, dodcyl-, branded, sulfurized (96152-43-1)</b>	
<b>DNEL/DMEL (workers)</b>	
Acute - systemic effects, dermal	80 mg/kg of body weight/day
Acute - systemic effects, inhalation	6.68 mg/m3
Long term- systemic effects, derman	1.04 mg/kg of body weight/day
Long term - systemic effects, inhalation	8.31 mg/m3
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.004 mg/l
PNEC aqua (Marine water)	0.0046 mg/l
<b>PNEC (Sediment)</b>	
PNEC Sediment (fresh water)	545.4 mg/kg DWT
PNEC Sediment (Marine water)	54.54 mg/kg DWT
<b>PNEC (SOIL)</b>	
PNEC Soil	441 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC Oral (secondary poisoning)	26667 mg/kg food
<b>PNEC (STP)</b>	
PNEC Sewage Treatment Plant	1000 mg/m3

<b>Benzenesulfonic acid, mono-C16-C24 alkyl derivs, calcium salts (70024-69-0)</b>	
<b>DNEL/DMEL (workers)</b>	
Long term, local effects, dermal	1.03 mg/cm2
Long term- systemic effects, dermal	3.33 mg/kg of body weight/day
Long term - systemic effects, inhalation	11.75 mg/m3
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	1 mg/l
PNEC aqua (Marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	10 mg/l
<b>PNEC (Sediment)</b>	
PNEC Sediment (fresh water)	545.4 mg/kg DWT
PNEC Sediment (Marine water)	54.54 mg/kg DWT
<b>PNEC (Oral)</b>	
PNEC Oral (secondary poisoning)	16667 mg/kg food
<b>PNEC (STP)</b>	
PNEC Sewage Treatment Plant	1000 mg/l

PPE (for industrial and professional use)





**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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

<b>Color</b>	Brown to Yellow
<b>Physical State</b>	Liquid
<b>Odor</b>	Petroleum Odor
<b>Odor Threshold</b>	No data available
<b>pH</b>	Not applicable
<b>Vapor Pressure</b>	≤ 0.1 hPa (20 deg C)
<b>Vapor Density (Air=1)</b>	No data available
<b>Initial Boiling Point</b>	No data available
<b>Solubility</b>	Soluble in hydrocarbons, insoluble in water
<b>Freezing Point</b>	Not applicable
<b>Melting Point</b>	No data available
<b>Density</b>	0.85 -0.88 kg/L @ 15°C (59°F) (Typical)
<b>Viscosity</b>	3.8 to 5.6 mm <sup>2</sup> /s @ 100 °C (Typical)
<b>Coefficient of Thermal expansion/°F</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Octanol/Water Partition Coefficient</b>	No data available
<b>VOC Content</b>	0% (EU, CH)
<b>FLAMMABLE PROPERTIES</b>	
<b>Flammability (Solid, gas)</b>	Not applicable
<b>FlashPoint, (Cleaveland Open Cup)</b>	205 °C (Minimum)
<b>Autoignition</b>	More than 300 deg C
<b>Flammability (Explosive) Limits (&amp; by volume in air)</b>	
<b>Lower</b>	LEL ≥ 45 g/m <sup>3</sup>
<b>Upper</b>	No data available

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Reactivity</b>	May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc. resulting in fire/explosive mass
<b>Chemical Stability</b>	This material is considered stable under normal ambient and anticipated and handling conditions of temperature and pressure
<b>Incompatibility with Other Materials:</b> Not applicable	
<b>Hazardous decomposition Products:</b> None known (none expected)	
<b>Hazardous Polymerization:</b> Hazardous Polymerisation will not occur	

**SECTION 101 - TOXICOLOGICAL INFORMATION**

Information of toxicological effects

Serious eye damage/irritation	The eye irritation hazard is based on evaluation of data for product components
Skin Corrosion/Irritation	The skin corrosion/irritation hazard is based on evaluation of data for product components
Skin Sensitization	The skin sensitization hazard is based on evaluation of data for product components

**SECTION 11 - TOXICOLOGICAL INFORMATION (Contd from previous page)**

<b>Acute dermal toxicity</b>	The acute dermal toxicity hazard is based on evaluation of data for product components( $\geq 2000$ mg/kg of BW)
<b>Acute Oral Toxicity</b>	The acute Oral toxicity hazard is based on evaluation of data for product components( $\geq 2000$ mg/kg of BW)
<b>Acute Inhalation Toxicity</b>	The acute inhalation toxicity hazard is based on evaluation of data for product components( $\geq 5$ mg/l/4h))
<b>Acute Toxicity Estimate</b>	Not determined( $\geq 2000000$ mg/kg of BW)
<b>Germ Cell Mutagenicity</b>	The hazard evaluation is based on data for components or a similar material. In any case, $\leq 0.1$ wt% of any EU notified mutagenic
<b>Carcinogenicity</b>	The hazard evaluation is based on data for components or a similar material. DMSO is less than 3 wt%
<b>Reproductive Toxicity</b>	The hazard evaluation is based on data for components or a similar material. Dodecylphenol classified as toxic for reproduction by EU
<b>Specific Target Oxygen Toxicity - Single Exposure</b>	The hazard evaluation is based on data for components or a similar material
<b>Specific Target Oxygen Toxicity - Repeated Exposure</b>	The hazard evaluation is based on data for components or a similar material

**ADDITIONAL TOXICOLOGY INFORMATION**

During use in engines, contamination of oil with low levels of cancer-causing combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and continued exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water

**SECTION 12 - ECOLOGICAL INFORMATION**

<b>ECOTOXICITY</b>	This material is not expected to be harmful to aquatic organisms This product has not been tested. The statement has been derived from the properties of individual components
<b>MOBILITY</b>	No data available
<b>PERSISTENCE AND DEGRADABILITY</b>	This material is not expected to be readily biodegradable. This product has not been tested. The statement has been derived from the properties of the individual components. In exceptional cases, (i.e. prolonged storage in tanks contaminated with water, and presence of anaerobic sulfate-reducing microbial colonies), the product may undergo a degradation and generate small amounts of sulfur compounds, including H <sub>2</sub> S. See separate section 16

LC 50 Fish 1	$\geq 100$ mg/l (calculated data). As provided by suppliers
EC 50 Daphnia 1	$\geq 100$ mg/l (calculated data). As provided by suppliers
ErC50 (algae)	$\geq 100$ mg/l (calculated data). As provided by suppliers

**POTENTIAL TO  
BIO ACCUMULATE**

Bio Concentration Factor No data available  
Octanol/Water Partition Effect No data available  
**Environment** None as per EC 435/2010

This substance/mixture does not meet the PBT criteria of REACH, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH, annex XIII

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Use material for its intended purpose or recycle if possible. Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose off in a manner consistent with applicable regulations. Contact your local environmental or health authorities for approved disposal or recycling methods. EWC is 13.02.05

**SECTION 14 - TRANSPORT INFORMATION**

The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements

**UN Number** Not dangerous goods in sense of transport regulations  
**DOT SHIPPING DESCRIPTION** NOT REGULATED AS HAZARDOUS MATERIAL UNDER 49 CFR  
**IMO/IMDG Shipping Description** NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER THE IMDG CODE  
**ICAO/IATA Shipping Description** NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER ICAO  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** NOT APPLICABLE

**SECTION 15 - REGULATORY INFORMATION**

**EPCRA 311/312 CATEGORIES** Not Applicable

**REGULATORY LISTS SEARCHED**

01-1 = IARC Group 1 05 = MA RTK  
01-2A = IARC Group 2A 06 = NJ RTK  
01-2B = IARC Group 2B 07 = PA RTK  
02 - NTP Carcinogen 08-1 = TSCA 5e  
03 - EPCRA 313 08-2 = tsca 12(B)  
04 = CA Proposition 65

No REACH Annex XVII restrictions

The following components of this material are found on the regulatory lists indicated.

Distillates, hydrotreated heavy paraffinic 05,06,07

Ethoxylated nonylphenol (REACH) EC polymer CAS 9016459

Relevant EU Legislation Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18/12/06 concerning the Registration, Evaluation, AuhtORIZATION and Restriction of Chemicals (REACH)  
Regulation (EC) No. 1272/2008 of European parliament and of the council of 16/12/08 on classification, labelling and packaging of substances and mixtures, amending and repealing directive 67/548/EC and 1999/45/EC and amending regulation (EC) no. 1907/2006

Directives 89/391/CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 93/88/CEE, 95/63/CEE, 97/42/CE, 98/24/CE, 99/38/CE, 99/92/CE, 2001/45/CE, 2003/10/CE, 2003/18/CE (health and safety on the workplace)  
 Directive 98/24/EC Protection of health and safety of workers from risk related to chemical agents at work  
 Directive 92/85/CE - measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.  
 Directives 96/82/CE and 2003/105/CE - control of major accident hazards involving dangerous substances  
 Directive 2004/42/CE limitation of emissions of VOC  
 Labelling according to directives of 67/548/EEC and 1999/45/EC  
 13 02 05 **VOC Content** 0% (EU, CH)

EURAL Code

Chemical safety assessment

**For the following substances of this mixture a chemical safety assessment has been carried out**

Mineral base oil, severely refined

Phosphorodithioic acid, mixed O,O-bis(1,3 dimethylbutyl and iso-Pr) esters, zinc salts

Phenolm dodecyl, branched, sulfurized

Benzenesulfonic acid, mono C16-24 alkyl derivatives, calcium salts

#### CHEMICAL INVENTORIES

All components comply with the following chemical inventory requirements:

AIIIC (Australia), DSL (Canada), ENCS (Japan), KECI (Korea), NZIoC(New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (United States)

One or more components is listed on ELINCS (European Union). All other components are listed or exempted from listing on EINECS

#### NEW JERSEY RTK CLASSIFICATION

Under the New Jersey Right-to-Know Act L 1983 Chapter 315 N.J.S.A 34:5A-1 et.seq., the product is to be identified as follows: PETROLEUM OIL (Motor Oil)

#### SECTION 16 - OTHER INFORMATION

**NFPA RATINGS** HEALTH 0 FLAMMABILITY 1 REACTIVITY 0

**HMIS Ratings** HEALTH 0 FLAMMABILITY 1 REACTIVITY 0

(0-Least, 1-Slight, 2 -Moderate, 3 -High, 4- Extreme, PPE - Personal Protection Equipment Index recommendation; \* Chronic Effect Indicator. These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA- USA) or the National Paint and Coating Association (for HMIS Ratings)

REVISION STATEMENT: This is a new Safety Data Sheet. No revision information

**Revision date:** 30 June 2022

**ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT**

TLV - Treshold Limit Value	TWA - Time weighted average
STEL - Short term exposure limit	PEL - Permission expsoure limit
GHS - Globally Harmonized System	CAS - Chemical abstract service number
ACGIH -Americal conference on governmental industrial Hygenine	IMDG/IMDG - International Maritime Dangerous Goods Code
API - American Petroleum Institute	SDS - Safety Data Sheet
HMIS - Hazardous Materials Information System	NFPA - National Fire Protection Association (USA)
DOT - Department of Transport	NTP - National Toxicology Program (USA)
IARC - International agency for research on cancer	OSHA - Occupational Safety and Health Administration
NCEL - New chemical exposure limit	EPA - Environmental Protection Agency
SCBA - Self contained breathing apparatus	NA - Not applicable
ND Not available	CSR - Chemical Safety Report
DNEL - Derived No effect Level	DMEL - Derived Minimum Effect Level
EC - 50 - Effective Concentration , 50%	EL50 - Effective Loading, 50%
IC 50 - Inhibition concentration, 50%	LC 50 - Lethal concentration, 50%
LD 50 -Lethal dose, 50%	LL50 - Lethal loading, 50%
LOAEL - Low observed adverse effects level	NOEL - No observed effects level
NOAEL No observed adverse effects level	OECD Organization for economic co-op and devmt
PNEC Predicted no effect concentration	PBT - Predicted, bioaccumulative, toxic
STOT - Single Target Organ Toxicity	STOT - RE (above) with repeated exposure
STOT - SE (Above) with single exposure	vPvB - Very persistent, very bioaccumulative
UVCB - susbtance of unkonw or variable composition, complex reaction products of bio materials	
WAF - Water accommodated fraction	

**Full text of R-, H- and EUH-phrases**

Acute Tox 4 (Oral)	Acute Toxicity (oral), category 4
Aquatic acute 1	Hazardous to the aquatic environment - acute Hazard, category 1
Aquatic chronic 1	Hazardous to the aquatic environment - CHronic Hazard, category 1
Aquatic chronic 2	Hazardous to the aquatic environment - CHronic Hazard, category 2
Aquatic chronic 3	Hazardous to the aquatic environment - CHronic Hazard, category 3
Aquatic chronic 4	Hazardous to the aquatic environment - CHronic Hazard, category 4
Eye Dam 1	Serious eye damage/eye irritation, category 1
Eye Irrt. 2	Serious eye damage/eye irritation, category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit.2	Skincorrosion/irritation, category 2
Skin Sens. 1B	Sensitisation - Skin, category 1B
H 302	Harmful if swallowed
H 315	Causes Skin Irritation
H 317	May cause an allergic skin reaction
H 318	Causes serious eye damage
H 319	Causes serious eye irritation
H 361f	Supsected of damaging fertility
H 400	Very toxic to acquatic life
H 410	Very toxic to acquatic life with long lasting effects
H 411	Toxic to acqualic life with long lasting effects

**Full text of R-, H- and EUH-phrases (continued)**

H 412	Harmful to aquatic life with long lasting effects
H 413	May cause long lasting effects to aquatic life
R 22	Harmful if swallowed
R 36/38	Irritating to eyes/skin
R 38	Irritating to skin
R 41	Risk of serious damage to eyes
R 43	May cause sensitization by skin contact
R 50/53	Very toxic to aquatic organisms, may cause long term adverse effects to them
R 51/53	Toxic to aquatic organisms, ,may cause long term adverse effects
R 53	May cause long term adverse effects in the aquatic environment
R 62	Possible risk of impaired fertility
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

Prepared as per to the 29 CFR 1910.1200 (2012) and EU by United Grease and Lubricants Co LLC, PO Box 2685, Ajman,United Arab Emirates. Meets EU No. 2015/830 regulations also

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose

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