

**EXPERIMENTAL AGO 75W-90** Product Name:

Revision Date: 23 Jun 2021 Revision Number: 1.04

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# SAFETY DATA SHEET

**IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE SECTION 1 COMPANY / UNDERTAKING** 

As of the revision date above, this SDS meets the regulations in the United Kingdom excluding Northern Ireland.

## 1.1. PRODUCT IDENTIFIER

**Product Name: EXPERIMENTAL AGO 75W-90 Product Description:** Base Oil and Additives

## 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Experimental material, Gear oil Intended Use:

Uses advised against: This product is not recommended for any industrial, professional or consumer use other than the Identified Uses above.

# 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier: ExxonMobil Petroleum & Chemical BV on behalf of MOBIL CHEMICAL PRODUCTS

> INTERNATIONAL INC. SYNTHETICS DEPARTMENT

HERMESLAAN 2 **B-1831 MACHELEN** 

Belgium

**Product Technical Information:** +32-2-239 3111

E-Mail: sds.uk@exxonmobil.com

# 1.4. EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Telephone: +(44)-8708200418 (CHEMTREC)

**National Poison Control Centre:** (UK) 111

#### HAZARDS IDENTIFICATION **SECTION 2**

# 2.1. CLASSIFICATION OF SUBSTANCE OR MIXTURE

# Classification according to CLP

Skin irritation: Category 2., H315: Causes skin irritation. Eye irritation: Category 2., H319: Causes serious eye irritation.

Chronic aquatic toxicant: Category 3., H412: Harmful to aquatic life with long lasting effects.

## 2.2. LABEL ELEMENTS

Label elements according to CLP



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Pictograms:



Signal Word: Warning

# **Hazard Statements:**

Health:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Environment:

H412: Harmful to aquatic life with long lasting effects.

Supplemental:

EUH208: Contains: AMINES, C12-14-TERT-ALKYL May produce an allergic reaction.

# **Precautionary Statements:**

Prevention:

P264: Wash skin thoroughly after handling. P273: Avoid release to the environment.

P280: Wear protective gloves and eye / face protection.

Response:

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P332 + P313: If skin irritation occurs: Get medical advice/ attention.
P337 + P313: If eye irritation persists: Get medical advice/attention.

P362 + P364: Take off contaminated clothing and wash it before reuse.

Disposal:

P501: Dispose of contents and container in accordance with local regulations.

# 2.3. OTHER HAZARDS

# Physical / Chemical Hazards:

No significant hazards.

# **Health Hazards:**

High-pressure injection under skin may cause serious damage. May be irritating to nose, throat, and lungs.

## **Environmental Hazards:**

No additional hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex



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Toxicological, ecotoxicological, physical and chemical properties may not have been fully investigated. Hazard data above is estimated based on best available information.

# **SECTION 3**

## **COMPOSITION / INFORMATION ON INGREDIENTS**

**3.1. SUBSTANCES** Not Applicable. This material is regulated as a mixture.

# 3.2. MIXTURES

This material is defined as a mixture.

# Reportable hazardous substance(s) complying with the classification criteria and/or with an exposure limit (OEL)

| (OLL)   |              |           |                  |               |   |
|---|--------------|-----------|------------------|---------------|---|
| Name  | CAS#         | EC#       | Registration#    | Concentration | GHS/CLP   |
|   |              |           |                  | *             | classification  |
| AMINES, C12-14-TERT-ALKYL   | -            | 701-175-2 | 01-2119456798-18 | 0.1 - < 1%    | Acute Tox. 2 H330,<br>Acute Tox. 3 H311,<br>Acute Tox. 4 H302,<br>Skin Sens. 1B H317,<br>Aquatic Acute 1 H400 (M<br>factor 1),<br>Aquatic Chronic 1 H410<br>(M factor 1),<br>Skin Corr. 1B H314 |
| DIPENTYL HYDROGEN PHOSPHATE   | 3138-42-9    | 221-537-9 | NE               | 0.1 - < 1%    | Skin Corr. 1C H314  |
| (Z)-OCTADEC-9-ENYLAMINE, C16-18-<br>(EVEN NUMBERED, SATURATED AND<br>UNSATURATED)-ALKYLAMINES | 1213789-63-9 | 627-034-4 | 01-2119473797-19 | 0.1 - < 0.25% | Acute Tox. 4 H302,<br>Asp. Tox. 1 H304,<br>STOT SE 3 H335,<br>Aquatic Acute 1 H400 (M<br>factor 10),<br>Aquatic Chronic 1 H410<br>(M factor 10),<br>Skin Corr. 1B H314,<br>STOT RE 2 H373       |
| PENTYL DIHYDROGEN PHOSPHATE   | 2382-76-5    | 219-188-2 | NE               | 0.1 - < 1%    | Skin Corr. 1C H314  |

Note - any classification in brackets is a GHS building block that was not adopted in CLP and therefore is not applicable in the countries which have implemented CLP and is shown for informational purposes only.

NOTE: This material is supplied for limited use only for purposes of experimental research and development. The material or one of its components has not yet been listed on relevant inventories of chemical substances. It should not be used for commercial purposes or be made available except in small quantities. The material must be used by or under the supervision of a technically qualified person. All persons who may be exposed to this material must be supplied with a copy of this document.

Note: See SDS Section 16 for full text of hazard statements.

SECTION 4 FIRST AID MEASURES



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## 4.1. DESCRIPTION OF FIRST AID MEASURES

## **INHALATION**

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

# SKIN CONTACT

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

## **EYE CONTACT**

Flush thoroughly with water for at least 15 minutes. Get medical assistance.

## **INGESTION**

Seek immediate medical attention.

## 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Headache, dizziness, drowsiness, nausea and other CNS effects. Eye pain, redness, tearing, swelling of eyelids, itching. Itching, pain, redness, swelling of skin. Local necrosis as evidenced by delayed onset of pain and tissue damage a few hours after injection.

# 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

The need to have special means for providing specific and immediate medical treatment available in the workplace is not expected.

# **SECTION 5**

# **FIRE FIGHTING MEASURES**

# **5.1. EXTINGUISHING MEDIA**

**Suitable Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames

Unsuitable Extinguishing Media: Straight streams of water

# 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

**Hazardous Combustion Products:** Hydrogen sulphide, Incomplete combustion products, Nitrogen oxides, Oxides of carbon, Phosphorus oxides, Smoke, Fume, Sulphur oxides

# **5.3. ADVICE FOR FIRE FIGHTERS**

**Fire Fighting Instructions:** Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

**Unusual Fire Hazards:** Hazardous material. Firefighters should consider protective equipment indicated in Section 8.



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## FLAMMABILITY PROPERTIES

Flash Point [Method]: >200°C (392°F) [ASTM D-92]

Upper/Lower Flammable Limits (Approximate volume % in air): UEL: No data available LEL: No

data available

Autoignition Temperature: No data available

# **SECTION 6**

# **ACCIDENTAL RELEASE MEASURES**

# 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

# **NOTIFICATION PROCEDURES**

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

# **PROTECTIVE MEASURES**

Avoid contact with spilled material. Warn or evacuate occupants in surrounding and downwind areas if required, due to toxicity or flammability of the material. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

# **6.2. ENVIRONMENTAL PRECAUTIONS**

Large Spills: Dyke far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

## 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Land Spill: Stop leak if you can do so without risk. Recover by pumping or with suitable absorbent.

**Water Spill:** Stop leak if you can do so without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

# 6.4. REFERENCES TO OTHER SECTIONS

See Sections 8 and 13.

# SECTION 7

# **HANDLING AND STORAGE**

# 7.1. PRECAUTIONS FOR SAFE HANDLING

Avoid contact with skin. Avoid contact with eyes. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or earthing procedures.



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However, bonding and earthing may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance. Additional references include American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or National Fire Protection Agency 77 (Recommended Practice on Static Electricity) or CENELEC CLC/TR 50404 (Electrostatics - Code of practice for the avoidance of hazards due to static electricity).

**Static Accumulator:** This material is a static accumulator.

## 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

The type of container used to store the material may affect static accumulation and dissipation. Do not store in open or unlabelled containers.

## 7.3. SPECIFIC END USES

Section 1 informs about identified end-uses. No industrial or sector specific guidance available.

# **SECTION 8**

# **EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### 8.1. CONTROL PARAMETERS

**Exposure limits/standards for materials that can be formed when handling this product:** When mists/aerosols can occur the following is recommended: 5 mg/m³ - ACGIH TLV (inhalable fraction).

Note: Information about recommended monitoring procedures can be obtained from the relevant agency(ies)/institute(s):

UK Health and Safety Executive (HSE)

#### 8.2. EXPOSURE CONTROLS

# **ENGINEERING CONTROLS**

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:

Adequate ventilation should be provided whenever the material is heated or mists are generated.

# PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

**Respiratory Protection:** If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

Half-face chemical cartridge respirator European Committee for Standardization (CEN) standards EN 136, 140 and 405 provide respirator masks and EN 149 and 143 provide filter recommendations.

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode.



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Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

**Hand Protection:** Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

Chemical resistant gloves are recommended. CEN standards EN 420 and EN 374 provide general requirements and lists of glove types.

**Eye Protection:** Chemical goggles are recommended.

**Skin and Body Protection:** Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

Chemical/oil resistant clothing is recommended.

**Specific Hygiene Measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

### **ENVIRONMENTAL CONTROLS**

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

# **SECTION 9**

# PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications.

# 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Colour: Brown
Odour: Characteristic

Odour. Characteristic

Odour Threshold: No data available

**pH:** No data available

Melting Point: Not technically feasible Freezing Point: No data available

Initial Boiling Point / and Boiling Range: No data available Flash Point [Method]: >200°C (392°F) [ASTM D-92] Evaporation Rate (n-butyl acetate = 1): No data available

Flammability (Solid, Gas): Not technically feasible

Upper/Lower Flammable Limits (Approximate volume % in air): UEL: No data available LEL: No

data available

Vapour Pressure: No data available
Vapour Density (Air = 1): No data available



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Relative Density (at 15 °C): < 1 [In-house method]

Solubility(ies): water Negligible

Partition coefficient (n-Octanol/Water Partition Coefficient): No data available

**Autoignition Temperature:** No data available **Decomposition Temperature:** No data available

Viscosity: 80 cSt (80 mm2/sec) at 40°C [test method unavailable]

**Explosive Properties:** None **Oxidizing Properties:** None

# 9.2. OTHER INFORMATION

None

# SECTION 10 STABILITY AND REACTIVITY

**10.1. REACTIVITY:** See sub-sections below.

**10.2. CHEMICAL STABILITY:** Material is stable under normal conditions.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

**10.4. CONDITIONS TO AVOID:** Excessive heat. High energy sources of ignition.

10.5. INCOMPATIBLE MATERIALS: Strong oxidisers

**10.6. HAZARDOUS DECOMPOSITION PRODUCTS:** Material does not decompose at ambient temperatures.

# SECTION 11 TOXICOLOGICAL INFORMATION

# 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

| Hazard Class                                 | Conclusion / Remarks  |
|--|---|
| Inhalation                                   |   |
| Acute Toxicity: No end point data for        | Minimally Toxic. Based on assessment of the components.           |
| material.                                    |   |
| Irritation: No end point data for material.  | Negligible hazard at ambient/normal handling temperatures.        |
| Ingestion                                    |   |
| Acute Toxicity: No end point data for        | Minimally Toxic. Based on assessment of the components.           |
| material.                                    |   |
| Skin   |   |
| Acute Toxicity: No end point data for        | Minimally Toxic. Based on assessment of the components.           |
| material.                                    |   |
| Skin Corrosion/Irritation: No end point data | Irritating to the skin. Based on assessment of the components.    |
| for material.                                |   |
| Eye  |   |
| Serious Eye Damage/Irritation: No end point  | Irritating and will injure eye tissue. Based on assessment of the |
| data for material.                           | components.   |
| Sensitisation                                |   |
| Respiratory Sensitization: No end point data | Not expected to be a respiratory sensitizer.                      |



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| for material.  |  |
|--|--|
| Skin Sensitization: No end point data for material.            | Not expected to be a skin sensitizer. Based on assessment of the components.                                   |
| Aspiration: Data available.                                    | Not expected to be an aspiration hazard. Based on physico-<br>chemical properties of the material.             |
| <b>Germ Cell Mutagenicity:</b> No end point data for material. | Not expected to be a germ cell mutagen. Based on assessment of the components.                                 |
| Carcinogenicity: No end point data for material.               | Not expected to cause cancer. Based on assessment of the components.   |
| <b>Reproductive Toxicity:</b> No end point data for material.  | Not expected to be a reproductive toxicant. Based on assessment of the components.                             |
| Lactation: No end point data for material.                     | Not expected to cause harm to breast-fed children.   |
| Specific Target Organ Toxicity (STOT)                          |  |
| Single Exposure: No end point data for material.               | Not expected to cause organ damage from a single exposure.   |
| Repeated Exposure: No end point data for material.             | Not expected to cause organ damage from prolonged or repeated exposure. Based on assessment of the components. |

# **TOXICITY FOR SUBSTANCES**

| NAME | ACUTE TOXICITY  |
|------|---|
|      | Dermal Lethality: LD 50 251 mg/kg (Rat); Inhalation Lethality: 4 hour(s) LC50 1.19 mg/l (Vapour) (Rat); Oral Lethality: LD 50 612 |
|      | mg/kg (Rat)   |

## OTHER INFORMATION

# For the product itself:

The toxicological properties of this material have not been fully assessed. This material must be used by or under the supervision of a technically qualified person. Component concentrations in this formulation would not be expected to cause skin sensitization, based on tests of the components, this formulation, or similar formulations.

# SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data for the material, components of the material, or for similar materials, through the application of bridging principals.

## **12.1. TOXICITY**

Material -- Expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

## **12.2. PERSISTENCE AND DEGRADABILITY** Not determined.

# **12.3. BIOACCUMULATIVE POTENTIAL** Not determined.

## 12.4. MOBILITY IN SOIL

Not determined.

# 12.5. PERSISTENCE, BIOACCUMULATION AND TOXICITY FOR SUBSTANCE(S)

Material does not meet the Reach Annex XIII criteria for PBT or vPvB.



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#### 12.6. OTHER ADVERSE EFFECTS

No adverse effects are expected.

## **SECTION 13**

## **DISPOSAL CONSIDERATIONS**

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

## 13.1. WASTE TREATMENT METHODS

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

The European Waste Catalogue (EWC) / List of Waste (LoW) code is specific to the waste generating process and waste constituents. Determine the EWC / LoW according to the criteria provided in the European Waste Catalogue and the hazardous waste list established by Commission Decision 2000/532/EC or the UK List of Waste, as amended.

**Empty Container Warning** Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, 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.

# **SECTION 14**

## TRANSPORT INFORMATION

LAND (ADR/RID): 14.1-14.6 Not Regulated for Land Transport

INLAND WATERWAYS (ADN): 14.1-14.6 Not Regulated for Inland Waterways Transport

SEA (IMDG): 14.1-14.6 Not Regulated for Sea Transport according to IMDG-Code

SEA (MARPOL 73/78 Convention - Annex II):

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not classified according to Annex II

AIR (IATA): 14.1-14.6 Not Regulated for Air Transport

# **SECTION 15**

## **REGULATORY INFORMATION**

# REGULATORY STATUS AND APPLICABLE LAWS AND REGULATIONS



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# Listed or exempt from listing/notification on the following chemical inventories : Special Cases:

| Inventory | Status       |
|-----------|--------------|
| TSCA      | Experimental |

# 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

# Applicable UK legislation:

REACH [... Registration, Evaluation, Authorisation and Restriction of Chemicals ... and amendments thereto]

CLP [Classification, labelling and packaging of substances and mixtures.. and amendments

thereto]

REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII):

Not Applicable

# 15.2. CHEMICAL SAFETY ASSESSMENT

**REACH Information:** A Chemical Safety Assessment has been carried out for one or more substances present in the material.

# SECTION 16 OTHER INFORMATION

**REFERENCES:** Sources of information used in preparing this SDS included one or more of the following: results from in house or supplier toxicology studies, CONCAWE Product Dossiers, publications from other trade associations, such as the EU Hydrocarbon Solvents REACH Consortium, U.S. HPV Program Robust Summaries, the EU IUCLID Data Base, U.S. NTP publications, and other sources, as appropriate.

# List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

AcronymFull textN/ANot applicableN/DNot determinedNENot established

VOC Volatile Organic Compound

AIIC Australian Inventory of Industrial Chemicals

AIHA WEEL American Industrial Hygiene Association Workplace Environmental Exposure Limits

ASTM ASTM International, originally known as the American Society for Testing and Materials (ASTM)

DSL Domestic Substance List (Canada)

EINECS European Inventory of Existing Commercial Substances

ELINCS European List of Notified Chemical Substances

ENCS Existing and new Chemical Substances (Japanese inventory)

IECSC Inventory of Existing Chemical Substances in China

KECI Korean Existing Chemicals Inventory



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NDSL Non-Domestic Substances List (Canada)
NZIOC New Zealand Inventory of Chemicals

PICCS Philippine Inventory of Chemicals and Chemical Substances

TLV Threshold Limit Value (American Conference of Governmental Industrial Hygienists)

TSCA Toxic Substances Control Act (U.S. inventory)

UVCB Substances of Unknown or Variable composition, Complex reaction products or Biological materials

LC Lethal Concentration

LD Lethal Dose
LL Lethal Loading
EC Effective Concentration
EL Effective Loading

NOEC No Observable Effect Concentration
NOELR No Observable Effect Loading Rate

# Classification according to CLP

| Classification according to CLP | Classification procedure |
|---------------------------------|--------------------------|
| Aquatic Chronic 3; H412         | Calculation              |
| Eye Irrit. 2; H319              | Calculation              |
| Skin Irrit. 2; H315             | Calculation              |

# KEY TO THE H-CODES CONTAINED IN SECTION 3 OF THIS DOCUMENT (for information only):

Acute Tox. 4 H302: Harmful if swallowed; Acute Tox Oral, Cat 4

Asp. Tox. 1 H304: May be fatal if swallowed and enters airways; Aspiration, Cat 1

Acute Tox. 3 H311: Toxic in contact with skin; Acute Tox Dermal, Cat 3

Skin Corr. 1B H314: Causes severe skin burns and eye damage; Skin Corr/Irritation, Cat 1B Skin Corr. 1C H314: Causes severe skin burns and eye damage; Skin Corr/Irritation, Cat 1C

Skin Sens. 1 H317: May cause allergic skin reaction; Skin Sensitization, Cat 1

Acute Tox. 2 H330: Fatal if inhaled; Acute Tox Inh, Cat 2

STOT SE 3 H335: May cause respiratory irritation; Target Organ Single, Resp Irr

STOT RE 2 H373: May cause damage to organs through prolonged or repeated exposure; Target Organ, Repeated,

Cat 2

Aquatic Acute 1 H400: Very toxic to aquatic life; Acute Env Tox, Cat 1

Aquatic Chronic 1 H410: Very toxic to aquatic life with long lasting effects; Chronic Env Tox, Cat 1

# THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Composition: Concentration Footnote information was deleted. Section 13: European Waste Codes - NOTE information was added.

## THIS SDS COVERS THE FOLLOWING MATERIALS: EXPERIMENTAL GEAR OIL

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affiliates in which they directly or indirectly hold any interest.

Internal Use Only
MHC: 0B, 0B, 0, 2, 4, 0
PPEC: A

DGN: 7186523CGB (1028078)

ANNEX

Annex not required for this material.