

# Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.03.2025

Version number 1

Revision: 17.01.2025

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** PEMCO 2101 Hydro ISO 32
- **Article number:** PM2101
- **UFI:** YDT5-U0QU-N007-81RR
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Lubricant
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
UAB "SCT Lubricants"  
Silutes Pl. 119  
LIT-95112 KLAIPEDA  
LITHUANIA  
renata@sct.lt
- **Further information obtainable from:** Product safety department.
- **1.4 Emergency telephone number:**  
Members of the public seeking specific information on poisons should contact:  
In England and Wales: NHS 111 - dial 111  
In Scotland: NHS 24 - dial 111

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**  
P102 Keep out of reach of children.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P391 Collect spillage.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** Void

### · Not dangerous substances

|                                                                   |                  |        |
|-------------------------------------------------------------------|------------------|--------|
| CAS: 74869-22-0<br>EINECS: 278-012-2<br>Reg.nr.: 01-2119495601-36 | Lubricating oils | ≤64.0% |
|-------------------------------------------------------------------|------------------|--------|

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|                                                                   |                                                                                                                              |                              |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| CAS: 64742-54-7<br>EINECS: 265-157-1<br>Reg.nr.: 01-2119484627-25 | A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. | (Contd. of page 1)<br>≤35.0% |
| CAS: 4259-15-8<br>EINECS: 224-235-5<br>Reg.nr.: 01-2119493635-27  | 2-ethylhexyl zinc dithiophosphate<br>Eye Dam. 1, H318; Aquatic Chronic 2, H411                                               | 0.2–0.4%                     |
| CAS: 68187-67-7<br>EINECS: 269-119-5<br>Reg.nr.: 01-2120286234-55 | Amine neutralized phosphoric acid esters<br>Skin Corr. 1B, H314; Aquatic Chronic 2, H411; Acute Tox. 4, H302                 | 0.02–0.03%                   |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO2. Do not use water.  
Use fire extinguishing methods suitable to surrounding conditions.  
Foam  
Fire-extinguishing powder  
Sand
- **For safety reasons unsuitable extinguishing agents:** Water
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Particular danger of slipping on leaked/spilled product.  
Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Hand protection**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Goggles recommended during refilling

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:** Yellow-brown
- **Odour:** Product specific
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** -33 °C

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|                                                                                        |                                               |
|----------------------------------------------------------------------------------------|-----------------------------------------------|
| · <b>Boiling point or initial boiling point and boiling range</b>                      | Undetermined.                                 |
| · <b>Flammability</b>                                                                  | Not applicable.                               |
| · <b>Lower and upper explosion limit</b>                                               |                                               |
| · <b>Lower:</b>                                                                        | Not determined.                               |
| · <b>Upper:</b>                                                                        | Not determined.                               |
| · <b>Flash point:</b>                                                                  | >200 °C                                       |
| · <b>Decomposition temperature:</b>                                                    | Not determined.                               |
| · <b>pH</b>                                                                            | Not determined.                               |
| · <b>Viscosity:</b>                                                                    |                                               |
| · <b>Kinematic viscosity at 40 °C</b>                                                  | >28 mm <sup>2</sup> /s                        |
| · <b>Dynamic:</b>                                                                      | Not determined.                               |
| · <b>Solubility</b>                                                                    |                                               |
| · <b>water:</b>                                                                        | Not miscible or difficult to mix.             |
| · <b>Partition coefficient n-octanol/water (log value)</b>                             | Not determined.                               |
| · <b>Vapour pressure:</b>                                                              | Not determined.                               |
| · <b>Density and/or relative density</b>                                               |                                               |
| · <b>Density at 20 °C:</b>                                                             | 0.878 g/cm <sup>3</sup>                       |
| · <b>Relative density</b>                                                              | Not determined.                               |
| · <b>Vapour density</b>                                                                | Not determined.                               |
| · <b>9.2 Other information</b>                                                         |                                               |
| · <b>Appearance:</b>                                                                   |                                               |
| · <b>Form:</b>                                                                         | Liquid                                        |
| · <b>Important information on protection of health and environment, and on safety.</b> |                                               |
| · <b>Ignition temperature:</b>                                                         | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>                                                         | Product does not present an explosion hazard. |
| · <b>Solvent content:</b>                                                              |                                               |
| · <b>VOC (EC)</b>                                                                      | 0.00 %                                        |
| · <b>Change in condition</b>                                                           |                                               |
| · <b>Evaporation rate</b>                                                              | Not determined.                               |
| · <b>Information with regard to physical hazard classes</b>                            |                                               |
| · <b>Explosives</b>                                                                    | Void                                          |
| · <b>Flammable gases</b>                                                               | Void                                          |
| · <b>Aerosols</b>                                                                      | Void                                          |
| · <b>Oxidising gases</b>                                                               | Void                                          |
| · <b>Gases under pressure</b>                                                          | Void                                          |
| · <b>Flammable liquids</b>                                                             | Void                                          |
| · <b>Flammable solids</b>                                                              | Void                                          |
| · <b>Self-reactive substances and mixtures</b>                                         | Void                                          |
| · <b>Pyrophoric liquids</b>                                                            | Void                                          |
| · <b>Pyrophoric solids</b>                                                             | Void                                          |
| · <b>Self-heating substances and mixtures</b>                                          | Void                                          |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b>     | Void                                          |
| · <b>Oxidising liquids</b>                                                             | Void                                          |
| · <b>Oxidising solids</b>                                                              | Void                                          |
| · <b>Organic peroxides</b>                                                             | Void                                          |
| · <b>Corrosive to metals</b>                                                           | Void                                          |

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· Desensitised explosives

Void

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
Carbon monoxide  
Aldehyde  
Poisonous gases/vapours  
Carbon dioxide

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.

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Danger to drinking water if even small quantities leak into the ground.

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### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |                                                                       |                 |
|-----------------------------------------------------------------------|-----------------|
| · <b>14.1 UN number or ID number</b>                                  |                 |
| · <b>ADR, ADN, IMDG, IATA</b>                                         | not regulated   |
| · <b>14.2 UN proper shipping name</b>                                 |                 |
| · <b>ADR, ADN, IMDG, IATA</b>                                         | not regulated   |
| · <b>14.3 Transport hazard class(es)</b>                              |                 |
| · <b>ADR, ADN, IMDG, IATA</b>                                         |                 |
| · <b>Class</b>                                                        | not regulated   |
| · <b>14.4 Packing group</b>                                           |                 |
| · <b>ADR, IMDG, IATA</b>                                              | not regulated   |
| · <b>14.5 Environmental hazards:</b>                                  | Not applicable. |
| · <b>14.6 Special precautions for user</b>                            | Not applicable. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                       | not regulated   |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
- None of the ingredients is listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
- None of the ingredients is listed.
- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
- None of the ingredients is listed.
- **Regulation (EC) No 273/2004 on drug precursors**
- None of the ingredients is listed.

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· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· **Relevant phrases**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

· **Department issuing SDS:** Product safety department.

· **Contact:** Mrs. Zubaite

· **Date of previous version:** 11.04.2024

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· **\* Data compared to the previous version altered.**

-IE-