

Safety Data Sheet

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

1.1 Product identifier

Aries XLX 32

Product Number(s): 829306

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses: Industrial Oil

1.3 Details of the supplier of the safety data sheet

YX Smøreolje AS

Gladengveien 2

NO-0661 Oslo

Norway

www.olje.yx.no

email : olje@yx.no

1.4 Emergency telephone number

Transportation Emergency Response

CHEMTREC: +1 703 527 3887

Health Emergency

Chevron Emergency Information Center: International calls accepted 24 hours: +1 510 231 0623

Poison Control Centre Norway: 0047/22591300

Product Information

Technical Information: (+47)04210

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLP CLASSIFICATION:

- Reproductive toxicant: Category 2, H361; Suspected of damaging fertility or the unborn child.
- Serious eye damage: Category 1, H318; Causes serious eye damage.
- Skin irritation: Category 2, H315; Causes skin irritation.
- Chronic aquatic toxicant: Category 2, H411; Toxic to aquatic life with long lasting effects.

2.2 Label elements

Under the criteria of Regulation (EC) No 1272/2008 (CLP):



Signal Word: Danger

HAZARD STATEMENTS:

Health Hazards:

- Causes skin irritation (H315).

- Causes serious eye damage (H318).
- Suspected of damaging fertility or the unborn child (H361).

Environmental Hazards:

- Toxic to aquatic life with long lasting effects (H411).

- contains: Oleyl amine ethoxylate
 Hexylene glycol

PRECAUTIONARY STATEMENTS:

Prevention:

- Avoid release to the environment (P273).
- Wear protective gloves/protective clothing/eye protection/face protection (P280).

Response:

- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Immediately call a POISON CENTER or doctor/physician (P310).

Disposal:

- Dispose of contents/container in accordance with applicable local/regional/national/international regulations (P501).

2.3 Other hazards

Heating may release highly toxic and flammable hydrogen sulfide (H2S). Do not attempt rescue without supplied-air respiratory protection. This product is not, or does not contain, a substance that is a potential PBT or a vPvB. This product is not, or does not contain, a substance that potentially has endocrine disrupting properties.

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures

This material is a mixture.

| COMPONENTS | CAS NUMBER | EC NUMBER | REGISTRATION NUMBER | CLP CLASSIFICATION | AMOUNT |
|--|------------|-----------|---------------------|--|-----------------|
| Distillates, hydrotreated heavy paraffinic | 64742-54-7 | 265-157-1 | 01-2119484627-25 | Asp. Tox. 1/H304 | 45 - 55 %weight |
| Distillates, hydrotreated heavy paraffinic | 64742-54-7 | 265-157-1 | 01-2119484627-25 | None | 30 - 40 %weight |
| Hexylene glycol | 107-41-5 | 203-489-0 | 01-2119539582-35 | Eye Irrit. 2/H319; Repr. 2/H361; Skin Irrit. 2/H315 | 5 - 10 %weight |
| Oleyl amine ethoxylate | 26635-93-8 | 932-748-7 | ** | Aquatic Acute 1/H400 [M=1]; Aquatic Chronic 1/H410 [M=1]; Eye Dam. 1/H318; Acute Tox. 4/H302; Skin Irrit. 2/H315 | 1 - 5 %weight |

The full text of all CLP H-statements is shown in Section 16.

In accordance with the Regulation (EC)No 1272/2008, Nota L, reference IP 346/92: "DMSO Extraction

Method", we have determined that the base oils used in this preparation are not carcinogenic.

**Not available or substance is not currently required for registration under REACH.

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Eye: Flush eyes with water immediately while holding the eyelids open. Remove contact lenses, if worn, after initial flushing, and continue flushing for at least 15 minutes. Get immediate medical attention.

Skin: Wash skin with water immediately and remove contaminated clothing and shoes. Get medical attention if any symptoms develop. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

Ingestion: If swallowed, get medical attention. Do not induce vomiting. Never 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. If exposure to hydrogen sulfide (H₂S) gas is possible during an emergency, wear an approved, positive pressure air-supplying respirator. Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

IMMEDIATE SYMPTOMS AND HEALTH EFFECTS

Eye: Contact with the eyes causes permanent damage, including blindness. Symptoms may include pain, tearing, reddening, swelling and impaired vision.

Skin: Contact with the skin causes irritation. Symptoms may include pain, itching, discoloration, swelling, and blistering.

Ingestion: May be irritating to mouth, throat, and stomach. Symptoms may include pain, nausea, vomiting, and diarrhea.

Inhalation: Not expected to be harmful if inhaled. Contains a petroleum-based mineral 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 limit. Symptoms of respiratory irritation may include coughing and difficulty breathing. Hydrogen sulfide has a strong rotten-egg odor. However, with continued exposure and at high levels, H₂S may deaden a person's sense of smell. If the rotten egg odor is no longer noticeable, it may not necessarily mean that exposure has stopped. At low levels, hydrogen sulfide causes irritation of the eyes, nose, and throat. Moderate levels can cause headache, dizziness, nausea, and vomiting, as well as coughing and difficulty breathing. Higher levels can cause shock, convulsions, coma, and death. After a serious exposure, symptoms usually begin immediately.

DELAYED OR OTHER SYMPTOMS AND HEALTH EFFECTS: May cause adverse reproductive effects based on animal data. This material may cause harm to the unborn child based on animal data.

See Section 11 for additional information. Risk depends on duration and level of exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Note to Physicians: Administration of 100% oxygen and supportive care is the preferred treatment for poisoning by hydrogen sulfide gas. For additional information on H₂S, see Chevron SDS No. 301.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

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.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition in vicinity of spilled material. Refer to Sections 5 and 8 for more information.

6.2 Environmental precautions

Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater.

6.3 Methods and material for containment and cleaning up

Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil and dispose of in a manner consistent with applicable requirements. Place other contaminated materials in disposable containers and dispose of in a manner consistent with applicable requirements. Report spills to local authorities as appropriate or required.

6.4 Reference to other sections

See sections 8 and 13.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

General Handling Information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Precautionary Measures: Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Do not breathe gas. Wash thoroughly after handling.

Unusual Handling Hazards: Toxic quantities of hydrogen sulfide (H₂S) may be present in storage tanks and bulk transport vessels which contain or have contained this material. Persons opening or entering these compartments should first determine if H₂S is present. See Exposure Controls/Personal Protection -Section 8. Do not attempt rescue of a person over exposed to H₂S without wearing approved supplied-air or self-contained breathing equipment. If there is a potential for exceeding one-half the occupational exposure standard, monitoring of hydrogen sulfide levels is required. Since the sense of smell cannot be relied upon to detect the presence of H₂S, the concentration should be measured by the use of fixed or portable devices.

Static Hazard: 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.

Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) 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 of properly.

7.2 Conditions for safe storage, including any incompatibilities

Not Applicable

7.3 Specific end use(s): Industrial Oil

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 workplace when designing engineering controls and selecting personal protective equipment (PPE). If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, refer to PPE information below.

Factors that affect PPE include, but are not limited to: properties of the chemical, other chemicals which may contact the same PPE, physical requirements (fit & sizing, cut/puncture protection, dexterity, thermal protection, etc.), and potential allergic reactions to the PPE material. It is the responsibility of the user to read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances. Refer to appropriate CEN standards.

8.1 Control parameters

Occupational Exposure Limits: No applicable occupational exposure limits exist for this material or its components. Consult local authorities for appropriate values.

8.2 Exposure controls

ENGINEERING CONTROLS:

Use general ventilation, local exhaust ventilation, or a combination of both.

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: Wear protective equipment to prevent eye contact. Selection of protective equipment may include: indirect vented goggles, non-vented (closed) goggles, and a combination of chemical goggles with face shield, depending upon the work operations conducted.

Skin Protection: Wear chemical personal protective equipment (PPE) to prevent skin contact. Selection of chemical protective clothing should be performed by an Occupational Hygienist or Safety Professional and be based upon applicable standards (ASTM F739 or EN 374). Using chemical PPE depends upon operations conducted and may include chemical gloves, boots, chemical apron, chemical suit, and complete facial protection. Refer to PPE manufacturers to obtain breakthrough time information to determine how long PPE can be used before it needs to be replaced. Unless specific glove manufacturer data indicates otherwise, the below table is based upon available industry data to assist in the glove selection process and is intended to be used as reference only.

| Chemical Glove Material | Thickness (mm) | Typical Breakthrough Time (minutes) |
|--------------------------|----------------|-------------------------------------|
| Butyl | 0.7 | 15 |
| Neoprene | 0.61 | 15 |
| Nitrile | 0.8 | 7 |
| Nitrile | 0.2 | 60 |
| Polyvinyl Chloride (PVC) | 1.1 | 7 |
| Viton Butyl | 0.3 | 30 |

Respiratory Protection: No respiratory protection is normally required. If material is heated and emits hydrogen sulfide, determine if airborne concentrations are below the occupational exposure limit for hydrogen sulfide. If not, wear an approved positive pressure air-supplying respirator. For more information on hydrogen sulfide, see Chevron SDS No. 301. 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.

ENVIRONMENTAL EXPOSURE CONTROLS:

See relevant Community environmental protection legislation or the Annex, as applicable.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

9.1 Information on basic physical and chemical properties

Appearance

Color: Brown to yellow

Physical State: Liquid

Odor: Petroleum odor

Odor Threshold: No data available

pH: Not Applicable

Melting Point: No data available

Freezing Point: No data available

Initial Boiling Point: No data available

Flashpoint: (Cleveland Open Cup) 160 °C (320 °F) (Minimum)

Flammability (solid, gas): Not Applicable

Flammability (Explosive) Limits (% by volume in air):

Lower: Not Applicable Upper: Not Applicable

Vapor Pressure: No data available

Vapor Density (Air = 1): No data available

Density: 0.9083 kg/l @ 15°C (59°F) (Typical)

Solubility: Soluble in hydrocarbons; insoluble in water

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

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: 29 mm²/s @ 40°C (104°F) (Minimum)

Explosive Properties: No Data Available

Oxidising properties: No Data Available

9.2 Other Information: No Data Available

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

10.2 Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions: Hazardous polymerization will not occur.

10.4 Conditions to Avoid: Not applicable

10.5 Incompatible materials to avoid: Not applicable

10.6 Hazardous decomposition products: Hydrogen Sulfide (Elevated temperatures)

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Product Information:

Serious Eye Damage/Irritation: This material causes serious eye damage. The product has not been tested. The statement is based on evaluation of data for product components.

Skin Corrosion/Irritation: This material causes skin irritation. The product has not been tested. The statement is based on evaluation of data for product components.

Skin Sensitization: The material is not considered a skin sensitizer. The product has not been tested. The statement is based on evaluation of data for product components.

Acute Dermal Toxicity: The material is not considered a dermal toxicant. The product has not been tested. The statement is based on evaluation of data for product components.

Acute Toxicity Estimate (dermal): Not Applicable

Acute Oral Toxicity: The material is not considered an oral toxicant. The product has not been tested. The statement is based on evaluation of data for product components.

Acute Toxicity Estimate (oral): 10000 mg/kg

Acute Inhalation Toxicity: The material is not considered an inhalation toxicant. The product has not been tested. The statement is based on evaluation of data for product components.

Acute Toxicity Estimate (inhalation): Not Applicable

Germ Cell Mutagenicity: The material is not considered a mutagen. The product has not been tested. The statement is based on evaluation of data for similar materials or product components.

Carcinogenicity: The material is not considered a carcinogen. The product has not been tested. The statement is based on evaluation of data for similar materials or product components.

Reproductive Toxicity: This material is suspected of damaging fertility or the unborn child. The product has not been tested. The statement is based on evaluation of data for similar materials or product components.

Specific Target Organ Toxicity - Single Exposure: The material is not considered a target organ toxicant (single exposure). The product has not been tested. The statement is based on evaluation of data for similar materials or product components.

Specific Target Organ Toxicity - Repeated Exposure: The material is not considered a target organ toxicant (repeated exposure). The product has not been tested. The statement is based on evaluation of data for similar materials or product components.

Aspiration Hazard: The material is not considered an aspiration hazard.

Component Information:

| Serious Eye Damage/Irritation: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Test Result: Causes eye irritation |
| Oleyl amine ethoxylate | Test Result: Causes serious eye damage |

| Skin Corrosion/Irritation: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Test Result: Causes skin irritation |
| Oleyl amine ethoxylate | Test Result: Causes skin irritation |

| Skin Sensitization: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Based on available data, the classification criteria are not met |

| Acute Dermal Toxicity: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Based on available data, the classification criteria are not met |

| Acute Oral Toxicity: | |
|--|---|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Test Qualifier: LD50 Test Result: 200-2000 mg/kg Species: rat |

| Acute Inhalation Toxicity: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Based on available data, the classification criteria are not met |

| Germ Cell Mutagenicity: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Based on available data, the classification criteria are not met |

| Carcinogenicity: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Based on available data, the classification criteria are not met |

| Reproductive Toxicity: | |
|--|---|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Protocol: OECD 421 - Reproduction/Developmental Toxicity Screening Test Test Result: Suspected of damaging fertility or the unborn child if ingested |
| Oleyl amine ethoxylate | Based on available data, the classification criteria are not met |

| Specific Target Organ Toxicity - Single Exposure: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Based on available data, the classification criteria are not met |

| Specific Target Organ Toxicity - Repeated Exposure: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Based on available data, the classification criteria are not met |

ADDITIONAL TOXICOLOGY INFORMATION:

In accordance with the Regulation (EC)No 1272/2008, Nota L, reference IP 346/92: "DMSO Extraction

Method", we have determined that the base oils used in this preparation are not carcinogenic.

11.2 Information on other hazards

No other hazards identified.

SECTION 12 ECOLOGICAL INFORMATION

Product Information:

12.1 Toxicity

This material is expected to be toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

12.2 Persistence and degradability

This material is not expected to be readily biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

12.3 Bioaccumulative potential

Bioconcentration Factor: No Data Available

Octanol/Water Partition Coefficient: No data available

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This product is not, or does not contain, a substance that is a potential PBT or a vPvB.

12.6 Endocrine Disrupting Properties

This mixture does not contain any substances that are assessed as having endocrine disrupting properties.

12.7 Other adverse effects

No other adverse effects identified.

Component Information:

| Acute Toxicity: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Test Qualifier: LC50 Test Result: 0.25 mg/l Species: Fish Duration:96 hour(s) |
| Oleyl amine ethoxylate | Test Qualifier: EC50 Test Result: 0.49 mg/l Species: Invertebrate Duration:48 hour(s) |
| Oleyl amine ethoxylate | Test Qualifier: EC50 (growth rate) Test Result: 0.1-1 mg/l Species: Algae Duration:72 hour(s) |

| Long-term Toxicity: | |
|--|--|
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |

| | |
|------------------------|------------------------|
| Oleyl amine ethoxylate | No test data available |
|------------------------|------------------------|

| | |
|--|--|
| Biodegradation: | |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | Protocol: OECD 301B-Modified Sturm Test Result: Not readily biodegradable Biodegradation: <60% |

| | |
|--|--|
| Bioaccumulative Potential: | |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Distillates, hydrotreated heavy paraffinic | Based on available data, the classification criteria are not met |
| Hexylene glycol | Based on available data, the classification criteria are not met |
| Oleyl amine ethoxylate | No test data available |

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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 of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

In accordance with European Waste Catalogue (E.W.C.) the codification is the following: 13 02 05

SECTION 14 TRANSPORT INFORMATION

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

ADR/RID

14.1 UN Number or ID Number: UN3082

14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (OLEYL AMINE ETHOXYLATE)

14.3 Transport hazard class(es): 9

14.4 Packing group: III

14.5 Environmental hazards: Yes

14.6 Special precautions for user: Road Tunnel Restriction Code: (-); Hazard ID No: M6

ICAO / IATA

14.1 UN Number or ID Number: UN3082

14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (OLEYL AMINE ETHOXYLATE)

14.3 Transport hazard class(es): 9

14.4 Packing group: III

14.5 Environmental hazards: Yes

14.6 Special precautions for user: Not applicable

IMO / IMDG

14.1 UN Number or ID Number: UN3082

14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(OLEYL AMINE ETHOXYLATE)

14.3 Transport hazard class(es): 9

14.4 Packing group: III

14.5 Environmental hazards: MARINE POLLUTANT

14.6 Special precautions for user: Not applicable

14.7 Maritime Transport in Bulk according to IMO Instruments: Not applicable

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture REGULATORY LISTS SEARCHED:

01=EU Directive 76/769/EEC: Restrictions on the marketing and use of certain dangerous substances.

02=EU Directive 90/394/EEC: Carcinogens at work.

03=EU Directive 92/85/EEC: Pregnant or breastfeeding workers.

04=EU Directive 96/82/EC (Seveso II): Article 9.

05=EU Directive 96/82/EC (Seveso II): Articles 6 and 7.

06=EU Directive 98/24/EC: Chemical agents at work.

07=EU Directive 2004/37/EC: On the protection of workers.

08=EU Regulation EC No. 689/2008: Annex 1, Part 1.

09=EU Regulation EC No. 689/2008: Annex 1, Part 2.

10=EU Regulation EC No. 689/2008: Annex 1, Part 3.

11=EU Regulation EC No. 850/2004: Prohibiting and restricting persistent organic pollutants (POPs).

12=EU REACH, Annex XVII: Restrictions on manufacture, placing on the market and use of certain dangerous substances, mixture & article.

13=EU REACH, Annex XIV: Authorization List or Candidate List of Substances of Very High Concern for Authorization (SVHC).

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

Distillates, hydrotreated heavy paraffinic 03, 06, 12

Distillates, hydrotreated heavy paraffinic 03, 06, 12

Hexylene glycol 06, 12

CHEMICAL INVENTORIES:

All components comply with the following chemical inventory requirements: AIC (Australia), DSL (Canada), ENCS (Japan), IECSC (China), KECI (Korea), PICCS (Philippines), TSCA (United States).

15.2 Chemical safety assessment

No chemical safety assessment.

SECTION 16 OTHER INFORMATION

REVISION STATEMENT: SECTION 02 - Hazard Statements information was modified.

SECTION 02 - Health Classification information was modified.

SECTION 02 - Pictogram information was modified.

SECTION 02.2 - Hazardous Component Identification List information was modified.

SECTION 03 - Composition information was modified.

SECTION 04 - Reproductive Toxicity information was added.

SECTION 08 - Engineering Controls information was modified.

SECTION 08 - Eye/Face Protection information was modified.

SECTION 08 - General Considerations information was modified.

SECTION 08 - Occupational Exposure Limit Table information was deleted.

SECTION 08 - Skin Protection information was modified.

SECTION 11 - Reproductive Toxicity information was modified.

SECTION 11 - Toxicological Information information was modified.

SECTION 16 - Full Text of H-Statements information was modified.

Revision Date: July 14, 2022

Full text of CLP H-statements:

Asp. Tox. 1/H304; May be fatal if swallowed and enters airways
Aquatic Acute 1/H400; Very toxic to aquatic life
Aquatic Chronic 1/H410; Very toxic to aquatic life with long lasting effects
Eye Dam. 1/H318; Causes serious eye damage
Eye Irrit. 2/H319; Causes serious eye irritation
Acute Tox. 4/H302; Harmful if swallowed
Repr. 2/H361; Suspected of damaging fertility or the unborn child
Skin Irrit. 2/H315; Causes skin irritation

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

| | |
|----------------------------------|--|
| TLV - Threshold Limit Value | TWA - Time Weighted Average |
| STEL - Short-term Exposure Limit | PEL - Permissible Exposure Limit |
| CVX - Chevron | CAS - Chemical Abstract Service Number |
| NQ - Not Quantifiable | |

Prepared according to the EU Regulation 1907/2006 (as amended) by Chevron Technical Center, 6001 Bollinger Canyon Road, San Ramon, CA 94583.

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No Annex