

MATERIAL SAFETY DATA SHEET

Product name: Oscar GemXP SYN CLP 68

1. IDENTIFICATION

Product name Oscar GemXP SYN CLP 68

Substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Identified uses Industrial gear oil.

Uses advised against Do not use for any purpose other than the one for which it is intended

Details of the supplier of the safety data sheet

Supplier Address Oscar Lubricants LLC
P O Box 7546, Ajman United Arab Emirates
+971 6 7433354

E-mail Address info@oscarlubricants.com

Emergency telephone number

Company Phone Number +971 6 7433354

2. HAZARDS IDENTIFICATION

Classification

Skin sensitization - Category 1

Label elements

**WARNING**

May cause an allergic skin reaction

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapours/ spray
 Contaminated work clothing should not be allowed out of the workplace
 Wear protective gloves

Precautionary Statements - Response

Specific treatment (see Section 4 on this label)

Skin

IF ON SKIN: Wash with plenty of soap and water
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Unknown Acute Toxicity

No information available

Hazards not otherwise classified (HNOC)

- None known

Other information

- Contaminated surfaces will be extremely slippery
- Should not be released into the environment

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % |
|-----------------------|--------|----------|
| Long chain alkylamine | ^ | 0-5 |

Additional information

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346

4. FIRST AID MEASURES

First aid measures for different exposure routes

| | |
|-----------------------|--|
| General advice | IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE. |
| Eye contact | Rinse immediately with plenty of water and seek medical advice. |
| Skin contact | Remove contaminated clothing and shoes. Wash off with soap and water. Wash contaminated clothing before reuse. Seek medical attention if skin irritation, swelling or redness develops and persists. |
| Inhalation | Inhalation of high concentrations of vapor or aerosols may cause irritation of the upper respiratory tract. |
| Ingestion | If swallowed, do not induce vomiting - seek medical advice. |

Most important symptoms/effects, acute and delayed

| | |
|---------------------|--|
| Skin contact | May cause an allergic skin reaction. Avoid contact with skin. |
| Eye contact | Not classified. May cause eye irritation with susceptible persons. |
| Inhalation | Not classified. Inhalation of vapors in high concentration may cause irritation of respiratory system. |
| Ingestion | Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
| Symptoms | Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Itching. |

Indication of immediate medical attention and special treatment needed, if necessary

| | |
|---------------------------|---|
| Notes to physician | May cause sensitization of susceptible persons. |
|---------------------------|---|

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| <u>Suitable Extinguishing Media</u> | Foam. Carbon dioxide (CO ₂). ABC powder. Water spray. |
| <u>Unsuitable Extinguishing Media</u> | Do not use a solid water stream as it may scatter and spread fire. |
| <u>Special Hazard</u> | Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. |

Explosion Data

| | |
|---|-------|
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | None. |

| | |
|---|--|
| <u>Protective Equipment and Precautions for Firefighters</u> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate non-essential personnel. |
|---|--|

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General Information Do not touch or walk through spilled material. Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes. Use personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation.

Other information See Section 12 for additional information.

Environmental precautions

General Information Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. Try to prevent the material from entering drains or water courses. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for cleaning up Dam up. Keep in suitable, closed containers for disposal. Soak up with inert absorbent material. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Use mechanical means such as pumps, skimmers and absorbent materials.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling When using, do not eat, drink or smoke. For personal protection see section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing.

Hygiene measures Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product. When using, do not eat, drink or smoke. Use personal protective equipment as required. Wash hands before breaks and at the end of workday. Avoid breathing vapors, mist or gas. Do not use abrasives, solvents or fuels. Do not put product contaminated rags into workwear pockets. Regular cleaning of equipment, work area and clothing is recommended. Avoid prolonged and repeated contact with the skin, especially with used or waste product.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep away from food, drink and animal feedingstuffs. Keep in a bunded area. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels of the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Protect from frost, heat and sunlight. Protect from moisture. Keep in properly labeled containers.

Materials to Avoid Strong oxidizing agents. Reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits Mineral oil mist:
USA: OSHA (PEL) TWA 5 mg/m³, NIOSH (REL) TWA 5 mg/m³, STEL 10 mg/m³, ACGIH (TLV) TWA 5 mg/m³ (highly refined).

Exposure controls

Engineering Measures Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Individual protection measures, such as personal protective equipment

General Information If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

Eye/Face Protection If splashes are likely to occur, wear: Goggles. Safety glasses with side-shields.

Skin and body protection Wear suitable protective clothing. Protective shoes or boots.

Hand Protection Protective gloves. Neoprene gloves. Nitrile rubber. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Hydrocarbon-proof gloves. Fluorinated rubber.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product. When using, do not eat, drink or smoke. Use personal protective equipment as required. Wash hands before breaks and at the end of workday. Avoid breathing vapors, mist or gas. Do not use abrasives, solvents or fuels. Do not put product contaminated rags into workwear pockets. Regular cleaning of equipment, work area and clothing is recommended. Avoid prolonged and repeated contact with the skin, especially with used or waste product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

| | |
|----------------------|--------------------------|
| Color | dark amber |
| Physical State @20°C | liquid |
| Odor | Oily |
| Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | <u>Method</u> |
|------------------------------------|------------------------|--------------------------|---------------------------------------|
| pH | | Not applicable | |
| Melting point/range | | No information available | |
| Boiling point/boiling range | | Not applicable | |
| Flash point | 232 °C | | Cleveland Open Cup (COC) ASTM D 92 |
| Evaporation rate | | No information available | |
| Flammability Limits in Air | | No information available | |
| upper | - | No information available | |
| Lower | - | No information available | |
| Vapor Pressure | | No information available | |
| Vapor density | | No information available | |
| Relative density | 0.901 | @ 15 °C | ASTM D 1298 |
| Density | 901 kg/m ³ | @ 15 °C | ASTM D 1298 |
| Water solubility | | Not applicable | |
| Solubility in other solvents | | No information available | |
| logPow | | No information available | |
| Autoignition temperature | | Not applicable | |
| Decomposition temperature | | No information available | |
| Viscosity, kinematic | 220 mm ² /s | @ 40 °C | ASTM D 445 |
| Explosive properties | Not explosive | | |
| Oxidizing Properties | Not applicable | | |
| Possibility of hazardous reactions | Not applicable | | |
| <u>Other information</u> | | | |
| Specific Gravity | 0.901 | @ 15 °C | |
| Freezing Point | | No information available | |
| Pour point | -26 °C | | ASTM D 97 |

10. STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Stable under recommended storage conditions.

| | |
|--|---|
| <u>Possibility of hazardous reactions</u> | None under normal processing. |
| <u>Conditions to Avoid</u> | Take precautionary measures against static discharges. Heat (temperatures above flash point), sparks, ignition points, flames, static electricity. Strong oxidizing agents. |
| <u>Incompatible Materials</u> | Strong oxidizing agents. Reducing agents. |
| <u>Hazardous Decomposition Products</u> | Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. |

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Skin contact | May cause an allergic skin reaction. Avoid contact with skin. |
| Eye contact | Not classified. May cause eye irritation with susceptible persons. |
| Inhalation | Not classified. Inhalation of vapors in high concentration may cause irritation of respiratory system. |
| Ingestion | Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|------------------------------|--|
| Sensitization | May cause an allergic skin reaction. |
| Carcinogenicity | This product is not classified carcinogenic. |
| Mutagenicity | Contains no ingredient listed as a mutagen. |
| Reproductive toxicity | This product does not present any known or suspected reproductive hazards. |
| Other adverse effects | Characteristic skin lesions (pimples) may develop following prolonged and repeated exposures (contact with contaminated clothing). |
| Aspiration Hazard | Not classified. |

12. ECOLOGICAL INFORMATION

| | |
|---------------------------------------|--|
| <u>ECOLOGICAL INFORMATION:</u> | Leaching and penetration through soils is generally regarded as resulting in long-term persistence. Fresh or used product may be harmful to aquatic life. Do not allow material to enter drains or watercourses. |
|---------------------------------------|--|

Mobility

| | |
|-------------------------------------|--|
| Soil | Given its physical and chemical characteristics, the product generally shows low soil mobility |
| Air | Loss by evaporation is limited |
| Water | The product is insoluble and floats on water |
| <u>Other adverse effects</u> | |
| General Information | No information available |

13. DISPOSAL CONSIDERATIONS

Waste treatment

| | |
|-------------------------------|--|
| Waste Disposal Methods | Dispose of in accordance with local regulations. |
| Contaminated packaging | Dispose of in accordance with local regulations. |

14. TRANSPORT INFORMATION

| | |
|-------------------------|---------------|
| <u>DOT</u> | Not regulated |
| <u>TDG</u> | Not regulated |
| <u>MEX</u> | Not regulated |
| <u>ICAO/IATA</u> | Not regulated |
| <u>IMDG/IMO</u> | Not regulated |
| <u>ADR/RID</u> | Not regulated |
| <u>ADN</u> | Not regulated |

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

End of the safety data sheet