

MATERIAL SAFETY DATA SHEET
(NON-HAZARDOUS/NON-DG)

1. IDENTIFICATION

Product name **Nomad Corvus Synthetic CLP series**

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 Nomad Lubricants LLC
P O Box 7546, Ajman United Arab Emirates
+971 4 443 0486

E-mail Address info@nomad-lubricants.com

Emergency telephone number
Company Phone Number +971 6 7433354

2. HAZARDS IDENTIFICATION

Classification

Skin sensitization - Category 1

Label elements



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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

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

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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 vomiting.	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and itching.

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

Notes to physician	May cause sensitization of susceptible persons.
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Suitable Extinguishing Media Foam. Carbon dioxide (CO₂). ABC powder. Water spray.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Special Hazard 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.

Protective Equipment and Precautions for Firefighters

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 watercourses. See Section 12 for additional Ecological Information.

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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 feeding stuff. Keep in a bonded 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).

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Engineering Measures working in Apply technical measures to comply with occupational exposure limits. When 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 products.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Color		dark amber	
Physical State		liquid	
@20°C Odor		Odorless	
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	@ 15 °C	ASTM D 1298
Water solubility	kg/m ³	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>			

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Specific Gravity	0.901	@ 15 °C
Freezing Point		No information available
Pour point	-26 °C	ASTM D 97

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	No information available.
<u>Chemical stability</u>	Stable under recommended storage conditions.
<u>Possibility of hazardous reactions</u>	None under normal processing.
<u>Conditions to Avoid</u> flash	Take precautionary measures against static discharges. Heat (temperatures above 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 respiratorysystem.
Ingestion	Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting anddiarrhea.

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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

ECOLOGICAL INFORMATION: Leaching and penetration through soils is generally regarded as resulting in long-term persistence. Fresh or used products 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
Other adverse effects

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.

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<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