

Material Safety Data Sheet

Issue Date: Feb 2021

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

1.1. Product identifier

Product name: alpha GEAR OIL 80W-90 with MoS2

Type of product: Lubricant

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

1.3. Details of the supplier of the safety data sheet

Manufacturer: Gulf Western Asia PTE Ltd
105 Cecil Street, #24-02 The Octagon, Postal 069534
Singapore

1.4. Emergency telephone number (available during regular office hours)

Tel: +65 90302232

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.

Information concerning particular hazards for human and environment:

No other risk.

2.2. Label elements

The product has not been classified and marked in accordance with Regulation (EC) No 1272/2008.

Symbols:

None

Hazard statement(s):

None.

Precautionary statements:

None.

2.3. Other hazards

Results of PBT and PvB assessment

PvB: None

PBT: None.

Other warnings:

None

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Dangerous substances according to CLP Regulation and corresponding classification:

Mineral oil

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact

Wash with soap and water.

Eye contact

Immediately wash with water and Contact a physician at once.

Ingestion

Do not induce vomiting in any case. IMMEDIATELY SEEK MEDICAL ADVICE.

Inhalation

Ventilate the affected area. Have affected person leave the area and rest in a well ventilated area. In case of sickness, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

None

4.3. Indication of any immediate medical attention and special treatment needed

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommendation: Extinguishing powder.

Unsuitable extinguishers: Water.

5.2. Special hazards arising from the substance or mixture

Do not inhale gases produced by the explosion and combustion.

Burning produces heavy smokes.

5.3. Advice for firefighters

Use appropriate respiratory equipment.

Collect separately contaminated water used to extinguish the fire. Do not discharge into the sewer.

Is possible, from the point of view of safety, immediately remove the containers undamaged area.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Remove persons to safety.

See the security measures in sections 7 and 8.

6.2. Environmental precautions

In order to prevent outlet to the surroundings, put up waste collecting trays/basins.

Avoid spreading to lakes, streams, sewers etc. In case of an outlet, to the surroundings, contact the local environmental government.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. If possible, clean with cleaning supplies. Solvents should be avoided.

6.4. Reference to other sections

See sections 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapors and mists.
Do not eat or drink during use.
Reference sections 8 (exposure controls/personal protection).

7.2. Conditions for safe storage, including any incompatibilities

Avoid contact with eat, drink.
Incompatible materials:
None.
Warehouse conditions:
Suitably ventilated areas.

7.3. Specific end use(s)

No particular uses

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Mineral oil
TLV TWA – 5 mg/m³ (oil mist)

8.2. Exposure controls

General precautions:
Suitably ventilate areas where the product is stored and/or used.
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection: Not required.
Protection of hands:
Protective gloves (the glove material has to be impermeable and resistant to the product/ the substance/ the preparation).
Eye protection:
Tightly sealed goggles
Goggles recommended during refilling

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Aspect:	liquid
Colour :	Dark green
pH:	N.A.
Flaspoint:	>220 °C
Solubility in water:	Insoluble

9.2. Additional information

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under the conditions

10.2. Chemical stability

The product is stable under the conditions

- 10.3. Possibility of hazardous reactions
Non specific.
- 10.4. Conditions to avoid
The product is stable under the conditions
- 10.5. Incompatible materials
No special instructions.
- 10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
Toxicological information relating to the mix:
N.A.
Toxicological information relating to the main substances in the mixture:
N.A.
Unless specified otherwise, the data required by Regulation 453/2010/CE listed below should be NA:
a) acute toxicity;
b) corrosion or skin irritation;
c) serious injury or irritation;
d) respiratory or skin sensitization;
e) germ cell mutagenicity;
f) carcinogenicity;
g) reproductive toxicity;
h) Specific target organ toxicity (STOT) - single exposure;
i) Specific target organ toxicity (STOT) - repeated exposure
j) aspiration hazard.

SECTION 12: Ecological information

- 12.1. Toxicity
Use suitable working methods, avoiding dispersion of the product into the environment.
- 12.2. Persistence and degradability
NA.
- 12.3. Bioaccumulative potential
NA.
- 12.4. Mobility in soil
NA.
- 12.5. Results of PBT and vPvB assessment
Substances vPvB ; None
Substances PBT: Nones
- 12.6. Other adverse effects
None

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
Recover used product if possible. Use in accordance with legal regulations or common industrial practice.

SECTION 14: Transport information

- 14.1. UN number
Product is not dangerous according to current transport regulations
- 14.2. UN proper shipping name
N.A.

14.3. Transport hazard class(es)

N.A

14.4. Packing group

N.A

14.5. Environmental hazards

N.A

14.6. Special precautions for user

N.A

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir 67/548/EEC (Classification, packaging and labeling of dangerous substances)

Dir. 99/45/EC (Classification, packaging and labeling of dangerous substances)

Dir. 98/24/EC (Risks related to chemical agents? Monkeys at work)

Dir 2000/39/EC (Occupational Exposure Limits)

Dir 2006/8/EC

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP)

Regulation (EU) n. 453/2010 (Annex I)

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Restrictions relating to the product or contained substances according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

None.

Where applicable, refer to the following standards:

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) No 648/2004 (detergents).

1999/13/EC (VOC Directive)

15.2. Chemical safety assessment: None

SECTION 16: Other information

This safety data sheet has been revised in all sections in accordance with Regulation 453/2010/EU.

This document has been prepared by a competent person who has received adequate training
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinhold

CCNL - Allegato 1 "TLV of 1989-90"

Indicate additional literature consulted

The information contained here is based on our knowledge at the date indicated above. It refers solely to the product indicated and constitutes no guarantee of particular quality.

The user must ensure the adequacy and accuracy of this information in relation to the specific use of the product should do.

This MSDS replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS = Chemical Abstracts Service (American Chemical Society).

CLP: Classification, labeling, packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of classification and labeling of chemicals.

IATA: International Air Transport Association.

IATA-DGR: Standards applied to dangerous goods by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation.

ICAO-TI: Technical Instructions "Organization International Civil Aviation" (ICAO).

IMDG: International Maritime Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KST: coefficient explosion.

LC50: Lethal concentration for 50% of the exposed population.

LD50: Lethal dose for 50% of the exposed population.

LTE: Long-term exposure.

PNEC: predicted no effect concentration

RID: Regulations concerning the international carriage of dangerous goods by rail.

STE: Short-term exposure.

STEL: level of short-term exposure.

STOT: Specific target organ toxicity.

TLV: Threshold Limit Value.

TWATLV: threshold limit value time weighted average of eight hours per day (Standard ACGIH).

WGK: Hazard class for water (Germany).

N.A.: N.A.

N.D