



SAFETY DATA SHEET

SANDVIK LONG-LIFE COMPRESSOR OIL

SANDVIK COMPRESSOR OIL OC5-H

ACCORDING TO REGULATION (EC) NO. 1907/2006 (REACH) ARTICLE 31, ANNEX II AS AMENDED.

INTERNAL NO: SDS-SANDVIK OC5-H/ENG/METRIC

ISSUED : 21 DEC 2021

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

1.1: Product identifier

Product name	Sandvik Long-life Compressor Oil
Product code	SANDVIK OC5-H

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

Identified uses	Lubricant
Uses advised against	No uses advised against identified

1.3: Details of the supplier of the safety data sheet

Name	Sandvik Mining and Construction Logistics Ltd.
Address	Harcourt Road, Dublin, Ireland
E mail	sds.smrt@sandvik.com

1.4: Emergency telephone number

Emergency telephone number	<p>In case of chemical emergency (spill, leak, fire, exposure or accident) call our service provider UK National Chemical Emergency Centre (NCEC)</p> <p>For Europe and if no country-specific number listed: +44 1865 407 333</p> <p>For Brazil: +55 11 3197 5891</p> <p>For US: +1 202 464 2554</p> <p>For Mexico: +52 55 5004 8763</p> <p>For Africa: +27 21 300 2732</p> <p>For Australia: +61 2 8014 4558</p> <p>For NZ: +64 9 929 1483</p> <p>For China (mainland): + 86 532 8388 9090</p> <p>For China (outside): +86 512 8090 3042</p>
Hours of operation	24 hours per day / 7 days per week.



2: HAZARDS IDENTIFICATION

2.1: Classification of the substance or mixture

The product has not been classified as hazardous, but needs to be labelled according to regulation (EU) 1272/2008 (CLP).	
Classification according to Regulation (EC) No 1272/2008 as amended.	
Hazard summary	
Physical Hazards	No data available.

2.2: Label Elements

	EUH208: Contains Triazole amine derivative. May produce an allergic reaction.
	EUH210: Safety data sheet available on request.

2.3: Other hazards:

	By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.
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3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1: Mixtures

General information	Mixture of synthetic base oils with additives. The components are not hazardous or are below required disclosure limits.
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4: FIRST AID MEASURES

General	Instantly remove any clothing soiled by the product.
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4.1: Description of first aid measures

Inhalation	Supply fresh air; consult doctor in case of symptoms.
Eye contact	Promptly wash eyes with plenty of water while lifting the eye lids.
Skin Contact	Wash with soap and water.
Ingestion	Rinse mouth thoroughly.

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

May cause skin and eye irritation.

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

Get medical attention if symptoms occur.
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5: FIREFIGHTING MEASURES

5.1: Extinguishing media

Suitable extinguishing media	CO ₂ , fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant add-ed
Unsuitable extinguishing media	Water with a full water jet.

5.2: Special hazards arising from the substance or mixture

	During fire, gases hazardous to health may be formed.
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5.3: Advice for firefighters

Special fire fighting procedures	Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.
Special protective equipment for fire-fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6: ACCIDENTAL RELEASE MEASURES

6.1: Personal precautions, protective equipment and emergency procedures	In case of spills, beware of slippery floors and surfaces.
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6.2: Environmental Precautions:

Prevent from spreading (e.g. by binding or oil barriers). Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.
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6.3: Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.

6.4: Reference to other sections:

See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling
See Section 13 for information on disposal.

7: HANDLING AND STORAGE:

7.1: Precautions for safe handling:

Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.

7.2: Conditions for safe storage, including any incompatibilities:

Local regulations concerning handling and storage of waterpolluting products have to be followed. Do not heat up to temperatures close to the flash point.

7.3: Specific end use(s):

No data available.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1: Control Parameters

Occupational Exposure Limits	None of the components have assigned exposure limits.
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8.2: Exposure controls

Appropriate engineering controls:

Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain air-borne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information:	Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.
Eye/face protection:	Safety glasses (EN 166) recommended during refilling.
Skin protection Hand Protection:	Material: Nitrile butyl rubber (NBR). Min. Breakthrough time: >= 480 min Recommended thickness of the material: >= 0,38 mm Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in accordance to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Other:	Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.
Respiratory Protection:	Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.
Thermal hazards	Not known.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
Environmental Controls	No data available



9: PHYSICAL AND CHEMICAL PROPERTIES

9.1: Information on basic physical and chemical properties

Appearance

Physical state	liquid
Form	liquid
Color	Colorless
Odor	Characteristic
Odor Threshold	Not applicable for mixtures
pH	substance/mixture is non-soluble (in water)
Freezing point	Not applicable for mixtures
Boiling Point	Not applicable
Flash Point	240 °C
Evaporation Rate	Not applicable for mixtures
Flammability (solid, gas):	Value not relevant for classification
Flammability Limit - Upper (%)-:	Value not relevant for classification
Flammability Limit - Lower (%)-:	Value not relevant for classification
Vapor pressure:	Not applicable for mixtures
Vapor density (air=1)	Not applicable for mixtures
Density	0,83 g/ml (15,00 °C)
Solubility(ies) Solubility in Water	Insoluble in water
Solubility (other)	No data available.
Partition coefficient (n-octanol/water):	Not applicable for mixtures
Autoignition Temperature	Value not relevant for classification
Decomposition Temperature	Value not relevant for classification
Kinematic viscosity	32 mm ² /s (40 °C)
Explosive properties	Value not relevant for classification.
Oxidizing properties	Value not relevant for classification

9.2: Other information	No data available.
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10: STABILITY AND REACTIVITY

10.1: Reactivity:	Stable under normal use conditions.
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10.2: Chemical Stability:	Stable under normal use conditions.
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10.3: Possibility of hazardous reactions:	Stable under normal use conditions
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10.4: Conditions to avoid: Stable under normal use conditions.

10.5: Incompatible Materials: Strong oxidizing substances. Strong acids. Strong bases.

10.6: Hazardous Decomposition Products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11: TOXICOLOGICAL INFORMATION

11.1: Information on toxicological effects

Acute toxicity	
Oral Product:	Not classified for acute toxicity based on available data.
Dermal Product:	Not classified for acute toxicity based on available data.
Inhalation Product:	Not classified for acute toxicity based on available data.
Skin Corrosion/Irritation Product:	Based on available data, the classification criteria are not met.
Serious Eye Damage/Eye Irritation Product:	Based on available data, the classification criteria are not met.
Respiratory or Skin Sensitization Product:	Skin sensitizer: Based on available data, the classification criteria are not met. Respiratory sensitizer: Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity Product:	Based on available data, the classification criteria are not met.
Carcinogenicity Product:	Based on available data, the classification criteria are not met.
Reproductive toxicity Product:	Based on available data, the classification criteria are not met.
Specific target Organ Toxicity - Single Exposure Product:	Based on available data, the classification criteria are not met.
Specific target Organ Toxicity - Repeated Exposure Product:	Based on available data, the classification criteria are not met.
Aspiration Hazard Product:	Based on available data, the classification criteria are not met.
Other adverse effects:	No data available.

12: ECOLOGICAL INFORMATION

12.1: Toxicity

Acute toxicity Product:	Based on available data, the classification criteria are not met.
Chronic toxicity Product:	Based on available data, the classification criteria are not met.



12.2: Persistence and Degradability

Biodegradation Product	Not applicable for mixtures
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12.3: Bioaccumulative potential

Product:	Not applicable for mixtures
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12.4: Mobility in soil

Product:	Not applicable for mixtures
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12.5: Results of PBT and vPvB assessment	The product does not contain any substances fulfilling the PBT/vPvB criteria.
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12.6: Other adverse effects	No data available.
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13: DISPOSAL CONSIDERATIONS

13.1: Waste treatment methods

General information	Dispose in accordance with all applicable regulations.
Disposal methods	Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.
European Waste Codes	13 02 06*: synthetic engine, gear and lubricating oils

14: TRANSPORT INFORMATION

ADR/RID

14.1 UN Number	-
14.2 UN Proper Shipping Name:	-
14.3 Transport Hazard Class(es)	
Class	Non-dangerous goods
Label(s)	-
Hazard No. (ADR)	-
Tunnel restriction code	-
14.4 Packing Group	-
14.5 Environmental hazards	-
14.6 Special precautions for user	-

ADN

14.1 UN Number	-
14.2 UN Proper Shipping Name	-
14.3 Transport Hazard Class(es)	-
Class	Non-dangerous goods
Label(s)	-
14.4 Packing Group:	-
14.5 Environmental hazards:	-
14.6 Special precautions for user	-

IMDG

14.1 UN Number	-
14.2 UN Proper Shipping Name	-
14.3 Transport Hazard Class(es)	-
Class:	Non-dangerous goods
Label(s)	-
EmS No.	-
14.4 Packing Group	-
14.5 Environmental hazards	-
14.6 Special precautions for user	-

IATA

14.1 UN Number	-
14.2 Proper Shipping Name	-
14.3 Transport Hazard Class(es)	-
Class	Non-dangerous goods
Label(s)	-
14.4 Packing Group	-
14.5 Environmental hazards	-
14.6 Special precautions for user:	-

14.7: Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.



15: REGULATORY INFORMATION

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

EU Regulations
Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none
Regulation (EC) No. 850/2004 on persistent organic pollutants: none

15.2: Chemical safety as-sessment:

No Chemical Safety Assessment has been carried out.

16: OTHER INFORMATION

Revision Information:	Vertical lines in the margin indicate an amendment.
Wording of the H-statements in section 2 and 3	none

Other information:	The classification complies with the current EU lists; however, it has been supplemented with expert literature information and information provided by/about our company. It was derived from the test data and/or the application of the conventional method.
Revision Date:	21.01.2021
Disclaimer: The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.	

End of Safety Data Sheet