



SAFETY DATA SHEET

Aritco Indoor

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	03.04.2019
Revision date	03.04.2019

1.1. Product identifier

Product name	Aritco Indoor
Article no.	2010
Product definition	Lubricant

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

Relevant identified uses	SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites PC24 Lubricants, greases, release products PROC17 Lubrication at high energy conditions and in partly open process
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1.3. Details of the supplier of the safety data sheet

Producer

Company name	Cargo Oil AB
Office address	Brodalsvägen 5
Postcode	SE-43338
City	Partille
Country	Sverige
Telephone number	+46 31 443311
Fax	+46 31 443310
Email	SDS@cargo-oil.se
Website	www.cargo-oil.se
Enterprise No.	556508-1741

1.4. Emergency telephone number

Emergency telephone	Telephone number: Call company +46 31 443311, office times Call 112 ask for
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POSITION CENTRE or +46 8 331231 (09-17)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Substance / mixture hazardous properties Not regarded as a health or environmental hazard under current legislation.

2.2. Label elements

Supplemental label information EUH 210 Safety data sheet available on request.

2.3. Other hazards

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
White mineral oil (petroleum)	CAS No.: 8042-47-5 EC No.: 232-455-8 REACH Reg. No.: 01-2119487078-27		70 -100 %
Substance comments	DMSO<3% (IP 346)		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	Wash skin with soap and water.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.
Ingestion	Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with water fog. Foam, carbon dioxide or dry powder.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	This product is not flammable.
Hazardous combustion products	Carbon monoxide (CO). Carbon dioxide (CO ₂). Carbonyl compounds.

5.3. Advice for firefighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Stop leak if safe to do so.
Protective equipment	No recommendation given.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Containment	Dam and absorb spillage with sand, sawdust or other absorbent.
Clean up	Avoid release to the environment. Scrape up spillage or absorb with absorbing material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a dry, cool and well-ventilated place.
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7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
White mineral oil (petroleum)	CAS No.: 8042-47-5	Country of origin: Sweden TWA (8h) : 1 mg/m ³ OEL short term value Value: 3 mg/m ³ Exposure limit letter Letter code: 37, 38 Source: AFS 2015:7	TWA Year: 1990

DNEL / PNEC

Substance	White mineral oil (petroleum)
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DNEL	<p>Group: Industrial Route of exposure: Long-term inhalation (systemic) Value: 160 mg/m³</p> <p>Group: Industrial Route of exposure: Long-term dermal (systemic) Value: 220 mg/kg Reference: bw/day</p>
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8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	Use engineering controls to reduce air contamination to permissible exposure level.
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Eye / face protection

Required Properties	Wear approved chemical safety goggles where eye exposure is reasonably probable.
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Hand protection

Skin- / hand protection, short term contact	No specific hand protection noted, but gloves may still be advisable.
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Skin protection

Suitable protective clothing	Wear suitable protective clothing as protection against splashing or contamination.
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Respiratory protection

Respiratory protection necessary at	Under normal conditions of use respiration protection should not be required.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Viscous liquid.
Colour	Colourless to pale yellow.
Vapour pressure	Value: < 0,01 kPa Temperature: 20 °C
Density	Value: 0.8 -1.0 g/cm ³ Temperature: 15 °C
Solubility	Medium: Water Value: 0 g/l Temperature: 20 °C
Viscosity	Value: > 20.5 mm ² /s Method: ISO 3104 Temperature: 40 °C

	Type: Kinematic
Explosive properties	Uppfyller inte kriterier för explosiva egenskaper
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

Materials to avoid	Strong oxidising substances.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon dioxide (CO ₂). Carbon monoxide (CO). Carbonyl compounds.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

Carcinogenicity, other information	Based on available data, the classification criteria are not met.
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SECTION 12: Ecological information

12.1. Toxicity

Substance	White mineral oil (petroleum)
Acute aquatic, fish	Toxicity type: Acute Value: ≥ 10000 mg/l Effect dose concentration : NOEL Exposure time: 96 hour(s) Species: Leuciscus idus melantous L. Method: OECD 203
Substance	White mineral oil (petroleum)
Acute aquatic, algae	Toxicity type: Acute Value: > 100 mg/l Effect dose concentration : LOEL Exposure time: 72 hour(s)

Substance	Species: Pseudokirchneriella subcapitata Method: OECD 201
Acute aquatic, Daphnia	White mineral oil (petroleum) Toxicity type: Acute Value: > 100 mg/l Effect dose concentration : NOEL Exposure time: 48 hour(s) Species: Daphnia magna Method: OECD 202

12.2. Persistence and degradability

Substance	White mineral oil (petroleum)
Biodegradability	Value: > 30 % Method: OECD 301 F Test period: 28 day(s)
Persistence and degradability, comments	The product is expected to be slowly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
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12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT assessment results	This product does not contain any PBT or vPvB substances.
Substance	White mineral oil (petroleum)
PBT assessment results	This substance is not classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

EWC waste code	EWC waste code: 130205 mineral-based non-chlorinated engine, gear and lubricating oils
EWL packing	EWC waste code: 150102 plasticpackaging EWC waste code: 150104 metallicpackaging EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste: Yes
Other information	Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Waste is suitable for incineration.

SECTION 14: Transport information

Dangerous goods No

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

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

SECTION 15: Regulatory information

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

Biocides No

Nanomaterial No

References (laws/regulations) Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Legislation and regulations The data shown are in accordance with the latest EC Directives.

15.2. Chemical safety assessment

Substance White mineral oil (petroleum)

Chemical safety assessment performed Yes

SECTION 16: Other information

Version 1