

## SAFETY DATA SHEET



## Aspen Bio Chain Oil

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	23.01.2018
Revision date	09.11.2020

### 1.1. Product identifier

Product name	Aspen Bio Chain Oil
Article no.	UK

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

Function	Description: Saw chain oil Description: Lubricant
Relevant identified uses	SU1 Agriculture, forestry, fishery PC24 Lubricants, greases, release products
Industrial use	Yes
Professional use	Yes
Consumer use	Yes

### 1.3. Details of the supplier of the safety data sheet

#### Distributor

Company name	Anglo American Oil Company Ltd
Office address	58 Holton Road
Postal address	Holton Heath Trading Park
Postcode	BH16 6LT
City	Poole
Country	United Kingdom
Telephone number	+44 1929 551557
Fax	+44 1929 551567
Email	<a href="mailto:info@aaoil.co.uk">info@aaoil.co.uk</a>

Website	www.aaoil.co.uk
<b>Manufacturer</b>	
Company name	Lantmännen Aspen AB
Postal address	Iberovägen 2
Postcode	SE-438 54
City	Hindås
Country	Sweden
Telephone number	+46 (0)301-23 00 00, (08:00-16.30 CET)
Email	<a href="mailto:aspensds@lantmannen.com">aspensds@lantmannen.com</a>
Website	<a href="http://www.aspenfuels.com/">http://www.aspenfuels.com/</a>

#### 1.4. Emergency telephone number

Emergency telephone	<p>Telephone number: 112 Description: SOS</p> <p>Telephone number: 0845 46 47 (England Wales) 08454 24 24 24 (Scotland) Description: NHS – Emergency medical conditions.</p> <p>Telephone number: 111 Description: NHS – National Poisons Information Service</p>
---------------------	---

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP classification, comments	Not regarded as a health or environmental hazard under current legislation.
------------------------------	---

### 2.2. Label elements

Hazard statements	EUH 210 Safety data sheet available on request.
-------------------	---

### 2.3. Other hazards

Other hazards	<p>Keep out of reach of children.</p> <p>Prolonged contact may cause dryness of the skin.</p>
---------------	---

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Vegetable oil	CAS No.: 68956-68-3 EC No.: 273-313-5		90 – 95 %	
Description of the mixture	Contains additives that, due to concentration and classification, need not be stated here.			

## SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air at once.
Skin contact	Remove contaminated clothing. Wash skin with soap and water.
Eye contact	Rinse cautiously with water for several minutes.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). DO NOT INDUCE VOMITING! Drink plenty of water.

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

General symptoms and effects	Treat Symptomatically.
Acute symptoms and effects	May cause minor irritation on eye contact.
Delayed symptoms and effects	Repeated exposure may cause skin dryness or cracking.

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

Other information	No recommendation given.
-------------------	--------------------------

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	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	Eliminate all sources of ignition.
Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### 5.3. Advice for firefighters

Fire fighting procedures	Water spray should be used to cool containers.
--------------------------	--

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Risk of contact: Wear protective gloves and goggles/face shield.
------------------------------	--

#### 6.2. Environmental precautions

Environmental precautionary measures	Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation. If this is not possible notify police and appropriate authorities immediately.
--------------------------------------	--

#### 6.3. Methods and material for containment and cleaning up

Clean up	Absorb in vermiculite, dry sand or earth and place into containers.
----------	---

## 6.4. Reference to other sections

Additional information	For personal protection, see section 8. For waste disposal, see section 13.
------------------------	--

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective safety measures

Protective safety measures	Do not breathe gas/fumes/vapour/spray. Wear suitable protective clothing. Avoid prolonged skin contact.
----------------------------	---

### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container.
---------	---

### 7.3. Specific end use(s)

Specific use(s)	The identified uses for this product are detailed in Section 1.2.
-----------------	---

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Eye / face protection

Eye protection, comments	Wear approved, tight fitting safety glasses where splashing is probable.
--------------------------	--

#### Hand protection

Skin- / hand protection, long term contact	Avoid prolonged skin contact.
Suitable materials	Nitril. PVC.

#### Skin protection

Skin protection remark	Wear appropriate clothing to prevent any possibility of skin contact. Remove contaminated clothing.
------------------------	--

#### Respiratory protection

Respiratory protection, comments	Do not breathe gas/fumes/vapour/spray. Ventilate well.
----------------------------------	---

#### Appropriate environmental exposure control

Environmental exposure controls, comments	No special precautions.
---	-------------------------

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Viscous liquid.
Colour	Light brown.
Flash point	Value: 215 °C Method: ASTM D92
Density	Value: 920 kg/m <sup>3</sup> Temperature: 15 °C
Solubility	Medium: Water Comments: Insoluble in water.
Viscosity	Value: 71 mm <sup>2</sup> /s Temperature: 40 °C  Value: 16.5 mm <sup>2</sup> /s Temperature: 100 °C

### 9.2. Other information

Solidification point	Value: < -39 °C
----------------------	-----------------

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	Avoid contact with strong oxidisers.
------------	--------------------------------------

### 10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
-----------	---

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No recommendation given.
------------------------------------	--------------------------

### 10.4. Conditions to avoid

Conditions to avoid	No recommendation given.
---------------------	--------------------------

### 10.5. Incompatible materials

Materials to avoid	Avoid contact with oxidising agents.
--------------------	--------------------------------------

### 10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
----------------------------------	--

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	Comments: No information.
----------------	---------------------------

### Other information regarding health hazards

Inhalation	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. May cause irritation to the respiratory system.
Skin contact	Prolonged or repeated contact leads to drying of skin.
Eye contact	May cause minor irritation on eye contact.
Ingestion	No specific health warnings noted.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity	No information.
-------------	-----------------

### 12.2. Persistence and degradability

Persistence and degradability description/evaluation	The product is potentially degradable.
--	--

### 12.3. Bioaccumulative potential

Bioaccumulative potential	No information.
---------------------------	-----------------

### 12.4. Mobility in soil

Mobility	No information.
----------	-----------------

### 12.5. Results of PBT and vPvB assessment

PBT assessment results	This product does not contain any PBT or vPvB substances.
------------------------	---

### 12.6. Other adverse effects

Other adverse effects, comments	None known.
---------------------------------	-------------

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Make sure containers are empty before discarding (explosion risk).
Appropriate methods of disposal for the contaminated packaging	If container is completely emptied, well-vented and free from product residues that can pose hazardous properties – the following EWC codes can be used depending on package material: 15 01 02 plastic packaging, 15 01 04 metallic packaging.
EWC waste code	EWC waste code: 130207 readily biodegradable engine, gear and lubricating oils Classified as hazardous waste: Yes

EWL packing	EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste: Yes
EU Regulations	2008/98/EG
National regulations	The Waste (England and Wales) Regulations 2011 No. 988

## SECTION 14: Transport information

### 14.1. UN number

Comments Not relevant.

### 14.2. UN proper shipping name

Comments Not relevant.

### 14.3. Transport hazard class(es)

Comments Not relevant.

### 14.4. Packing group

Comments Not relevant.

### 14.5. Environmental hazards

Comments Not relevant.

### 14.6. Special precautions for user

Special safety precautions for user Not entered.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Transport in bulk (yes/no) No

### Additional information

Additional information Not entered.

## SECTION 15: Regulatory information

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

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.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of

16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.  
 Directive 2008/98 / EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain directives.  
 EH40/2005, Workplace exposure limits 2005, with amendments.  
 The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.  
 The Waste (England and Wales) Regulations 2011 No. 988

## 15.2. Chemical safety assessment

Chemical safety assessment performed	No
Exposure scenarios for mixture	No

## SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	
Key literature references and sources for data	Supplier's Safety Data Sheet. Legislation, databases and literature.
Revision justification	Other.
Information added, deleted or revised	Change in sections: 1, 2, 13, 15
Last update date	09.11.2020
Version	1
Prepared by	Lantmännen Aspen AB