SAFETY DATA SHEET

Hydromax Maintenance 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	29.06.2015
Revision date	19.10.2020

1.1. Product identifier

Product name	HydroMax Maintenance Oil
Extended SDS with ES incorporated	No

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

Use of the substance / preparation	Maintenance and lubrication of HydroMax Milling Machine
Main intended use	PC-TEC-11 Lubricants, greases, release agents

1.3. Details of the supplier of the safety data sheet

Company name	Boldan Oy
Postal address	Matkuntie 2
Postcode	05200
City	RAJAMÄKI
Country	Finland
Email	info@boldan.fi
Website	www.boldan.fi
Enterprise No.	2355506-8

1.4. Emergency telephone number

Emergency telephone	Description: Poison information centre, tel. +358 9 471977 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Substance / mixture hazardous properties	This product is not classified as dangerous according to current Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards

Other hazards	Long-term or repeating skin contact may irritate skin and cause dermatitis.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Petroleum distillates	CAS No.: Confidential	Asp. tox. 1; ; Aquatic Chronic 2; ;	>= 0.1<1 %	

Substance comments	DMSO extract <3%. To see complete text of H -phrases, check out section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapours or mists. If symptons persist, call a physician.
Skin contact	Contaminated clothing must be taken off and skin needs to be washed with soap and water. If products is injected in the skin or anywhere in body, should always seek medical advice.
Eye contact	Rinse with plenty of water. If eye irritation persists, seek medical advice.
Ingestion	DO NOT INDUCE VOMITING! Wash patients mouth with water and obtain medical attention.

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

General symptoms and effects	Long-term or repeated skin contact may irritate the skin and cause dermatitis. Oil mist irritates eyes and respiratory system.

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

Medical treatment	Treated symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam, powder or carbondioxide.
Improper extinguishing media	Waterspray.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Burning may cause hazardous decomposition products: Smoke, carbon monoxide, carbon dioxide and other products of incomplete burning.

5.3. Advice for firefighters

Personal protective equipment	Breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Handling– and protection instructions are listed sections 7 and 8.

6.2. Environmental precautions

Environmental precautionary measures: Do not allow to enter drains, water courses or into the ground.

6.3. Methods and material for containment and cleaning up

Other information: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth. Place in container for disposal according to local regulations.

6.4. Reference to other sections

Other instructions:
Refer to section 1 for contact information in case of emergency.
Refer to section 8 for information about personal protection equipments.
Refer to section 13 for further information of disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling:
Use only in well-ventilated areas. Avoid repeated skin contact.
When handling drums, use special safety shoes.
Static accumulator: This material is a static accumulator. To minimize risk, grounding can be used.

7.2. Conditions for safe storage, including any incompatibilities

Storage:
Store in a dry, well ventilated place tighty closed and only in original packages. Protect from direct sunlight. Keep opened container upright. Storaging temperature under + 50 °C.

7.3. Specific end use(s)

Specific use(s): Not applicable

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Oil Mist		Limit value type: HTP Limit value (8 h) : 5 mg/m3	

8.2. Exposure controls

Precautionary measures to prevent exposure

Product related measures to prevent exposure: Use only in well-ventilated areas. Wash hands before breaks and after finishing work.

Eye / face protection

Required Properties	Use goggles or face shied, if needed.

Hand protection

Required properties for hand protection	Use gloves (PVC, nitrile). Change gloves regularly.

Skin protection

Skin protection remark	Avoid skin contact. Use protective clothing if needed.

Respiratory protection

Respiratory protection, comments	Use appropiate respirator when ventilation is inadequate (A1P1 or A2P2).

Appropriate environmental exposure control

Environmental exposure controls	Do not release into the ground, water or sewer system.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Yellow-brown liquid
Odour	Not determined
Odour limit	Comments: Not determined
Melting point / melting range	Comments: Not determined
Boiling point / boiling range	Comments: Not determined
Flash point	Comments: > 135 °C
Flammability (solid, gas)	Not determined
Vapour pressure	Comments: Not determined
Partition coefficient: n-octanol/ water	Comments: log Kow>3.
Spontaneous combustability	Comments: Not determined
Decomposition temperature	Comments: Not determined
Viscosity	Comments: ~ 220mm²/s (cSt) / 40 °C
Explosive properties	Not applicable
Oxidising properties	Not applicable

9.2. Other information

Other physical and chemical properties

Physical and chemical properties	None

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No data related to reactivity.

10.2. Chemical stability

Stability	Stabile under recommended storage– and handling circumstances (see section 7).

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not occur.

10.4. Conditions to avoid

Conditions to avoid	Keep away from fire, sparks and hot surfaces.

10.5. Incompatible materials

Materials to avoid	Strong acids and oxidising materials.

10.6. Hazardous decomposition products

Hazardous decomposition products	Burning may form hazardous decomposition products: Smoke, carbonmonoxide, carbondioxide and other products of incomplete combustion.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

Assessment of acute toxicity, classification	Not known.
Irritation	The product may cause mild irritation on skin and in eyes. Oil mist irritates eyes and respiratory system.
General respiratory or skin sensitisation	Not known.
Assessment of carcinogenicity, classification	None.
Aspiration hazard, comments	Aspiration to lungs may cause chemical pneumonia.

Symptoms of exposure

Other information	Used oils may contain harmful incredients which are accumulated to the product during usage. These incredients may be harmful to the health and/or to the environment during disposal. All used oils must be handeled with care and skin contact must be avoided with all possible means.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	The product is not classified as dangerous to the environment according to current legislation. Not known.

12.2. Persistence and degradability

Persistence degradability additional information	Not applicable.
Persistence and degradability, comments	Not known.

12.3. Bioaccumulative potential

Bioaccumulative potential	Not known.

12.4. Mobility in soil

Mobility	Not applicable.

12.5. Results of PBT and vPvB assessment

PBT assessment results	Not applicable.

12.6. Other adverse effects

Other adverse effects, comments	Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dispose of oil, packages or containers in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number

Comments	None

14.2. UN proper shipping name

ADR/RID/ADN	None
IMDG	None
ICAO/IATA	None

14.3. Transport hazard class(es)

Comments	Not classified

14.4. Packing group

ADR/RID/ADN	None
IMDG	None

ICAO/IATA	None	Page 7 of 7

14.5. Environmental hazards

Comments	Not known.

14.6. Special precautions for user

Special safety precautions for user	Not known.

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

Pollution category	Not applicable.

SECTION 15: Regulatory information

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

Legislation and regulations	Not known.

15.2. Chemical safety assessment

Chemical safety assessment	A chemical safety assessment was not been carried out.

SECTION 16: Other information

Training advice	This information has to be available for all those, who work with this product. This MSDS is based on the present knowledge and it is meant to answer the questions about the products influense on health, safety and environment. The information in this data sheet must not be used to draw conclusion of performance or applications of the product.
Additional information	Boldan Oy, tel. +358 (0)9 8531042
Key literature references and sources for data	Raw materials safety datasheets.
Version	1