Safety Data Sheet

according to Regulation (EC) No 1907/2006

EUROBOOR IBP.70

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

1.1. Product identifier

EUROBOOR IBP.70

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

Use of the substance/mixture

Metal cutting paste

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name:	EUROBOOR B.V.	
Street:	Kryptonstraat 110	
Place:	NL-2718 TD Zoetermeer	
Telephone:	+31 (0)79 3614990	
Contact person:	Will Spaninks	Telephone: +31 (0)79 2020014
e-mail:	w.spaninks@euroboor.com	
Internet:	www.euroboor.com	

1.4. Emergency telephone number:

Carchem : + 44 (0) 1235 239 670 (24h)
Netherlands: NVIC 030 274 8888

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards

Not expected to be a health hazard when used under normal conditions. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Used oil may contain harmful impurities.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

A lubricating grease containing highly-refined mineral oils and additives.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
73138-44-0	Ester der Montansäuren (einem Wachssäuregemisch ca. C24-C34)			2.5 - < 5 %
	914-460-3		01-2119480144-43	
67762-38-3	Fatty acids, C16-18 and C18-unsatd., Me esters			1 - < 2.5 %
	267-015-4		01-2119471664-32	
92044-87-6	Fatty acids, coco, 2-ethylhexyl esters			0.1 - < 1 %
	295-366-3		01-2119957315-34	
78-42-2	tris(2-ethylhexyl) phosphate			< 0.1 %
	201-116-6		01-2119517575-36	
118-82-1	Ionox 220, 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol			< 0.1 %
	204-279-1		01-2119970557-25	

Full text of H and EUH statements: see section 16.

Further Information

The highly refined mineral oil contains <3% (w/w) DMSOextract, according to IP346.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Seek medical attention if problems persist. No administration in cases of unconsiousness or cramps.

After inhalation

Provide fresh air. Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. Remove contaminated, saturated clothing immediately.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. In case of swallowing, keep the patient at rest and contact a doctor.

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

No information available.

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

Treat symptomatically. High pressure injection injuries require prompt surgical intervention and possibly steroid therapy, to minimise tissue damage and loss of function. Because entry wounds are small and do not reflect the seriousness of the underlying damage, surgical exploration to determine the extent of involvement may be necessary. Local anaesthetics or hot soaks should be avoided because they can contribute to swelling, vasospasm and ischaemia. Prompt surgical decompression, debridement and evacuation of foreign material should be performed under general anaesthetics, and wide exploration is essential. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Water fog. Extinguishing powder. Carbon dioxide. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated:
Carbon dioxide (CO_2).
Carbon monoxide
Nitrogen oxides (NOx).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Large quantities remove mechanically
Clean contaminated articles and floor according to the environmental legislation.
Clean with detergents. Avoid solvent cleaners.

6.4. Reference to other sections

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas.
Dicrect contact with skins avoid.
When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Prevent access by unauthorised personnel.

Further information on handling

High slip hazard because of leaking or spilled product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.
Recommended storage temperature: 5-40 °C

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.
Do not store with strong oxidizing agents.
Maximum period of storage (time): 3 Years

7.3. Specific end use(s)

Paste Metal working fluids

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit. To date, no national critical limit values exist.

8.2. Exposure controls

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. Use personal protection equipment as per Directive 89/686/EEC.

Eye/face protection

Wear eye protection/face protection. Use glasses or face shield if there is a risk of splashing.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects.
Wash hands before breaks and after work.
Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Skin protection

Chemical resistant safety shoes. Take off immediately all contaminated clothing.
Thorough skin-cleansing after handling the product. Set out skin protection guidelines.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Metal cutting paste
Colour:	golden
Odour:	characteristic

	Test method
pH-Value:	not determined

Changes in the physical state

Melting point:	not determined

Initial boiling point and boiling range:	not determined	
Flash point:	not applicable	ASTM D 92
Flammability		
Solid:	not determined	
Gas:	not applicable	
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Auto-ignition temperature		
Solid:	not determined	
Gas:	not applicable	
Decomposition temperature:	not determined	
Oxidizing properties		
Not oxidising.		
Vapour pressure: (at 20 °C)	not determined	
Density (at 15 °C):	1,0 g/cm³	
Solubility in other solvents		
not determined		
Viscosity / dynamic:	not determined	
Viscosity / kinematic: (at 40 °C)	not determined	ASTM D445
Evaporation rate:	not determined	

9.2. Other information

Solid content:	not determined

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Reacts with : Oxidizing agents.

10.4. Conditions to avoid

Protect against: heat.

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid.

10.6. Hazardous decomposition products

Hazardous decomposition products: none

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
73138-44-0	Ester der Montansäuren (einem Wachssäuregemisch ca. C24-C34)				
	oral	LD50 > 5000 mg/kg	Ratte		OECD 401
	dermal	LD50 > 5000 mg/kg	Ratte		OECD 402
67762-38-3	Fatty acids, C16-18 and C18-unsatd., Me esters				
	oral	LD50 >2000 mg/kg	Rat		
92044-87-6	Fatty acids, coco, 2-ethylhexyl esters				
	oral	LD50 >2000 mg/kg	Rat		
78-42-2	tris(2-ethylhexyl) phosphate				
	oral	LD50 >2000 mg/kg	Rat		OECDV 401
	inhalation (4 h) vapour	LC50 >447 mg/l	Rat		

Additional information on tests

No risks worthy of mention. Practical experience.
The statement is derived from the properties of the single components.
The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] | [d]	Species	Source	Method
73138-44-0	Ester der Montansäuren (einem Wachssäuregemisch ca. C24-C34)					
	Acute fish toxicity	LC50 >10000 mg/l	96 h	Zebrabärbling	OECD 203	
	Acute crustacea toxicity	EC50 > 10000 mg/l	48 h	Daphnia magna		OECD 202
	Acute bacteria toxicity	(> 10000 mg/l)		Belebtschlamm		OECD 209
92044-87-6	Fatty acids, coco, 2-ethylhexyl esters					
	Acute fish toxicity	LC50 > 2000 mg/l	96 h	Brachydanio rerio		
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Desmodesmus subspicatus		
78-42-2	tris(2-ethylhexyl) phosphate					
	Acute fish toxicity	LC50 101 mg/l	96 h	Oryzias latipes (Ricefish)		OECD 203

12.2. Persistence and degradability

Product is not easily biodegradable.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
73138-44-0	Ester der Montansäuren (einem Wachssäuregemisch ca. C24-C34)			
	OECD 301 D	22%	28	
	Potentiell teilweise biologisch abbaubar			
78-42-2	tris(2-ethylhexyl) phosphate			
	OECD 301B	0%	28	
	Product is not easily biodegradable.			

12.3. Bioaccumulative potential

Contains components with the potential to bioaccumulate.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
73138-44-0	Ester der Montansäuren (einem Wachssäuregemisch ca. C24-C34)	2
78-42-2	tris(2-ethylhexyl) phosphate	>6,26

BCF

CAS No	Chemical name	BCF	Species	Source
78-42-2	tris(2-ethylhexyl) phosphate	9,2-22	Cyprinus carpio (Common Carp)	

12.4. Mobility in soil

in delivery condition: Metal cutting paste

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Personal protection equipment: see section 8

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

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC):	0%
2004/42/EC (VOC):	0,0%

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

Additional information

Commodity code: 3403 1990

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,3,4,5,6,7,8,9,10,11,12,13,15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singulary responsible for

adhering to existing laws and regulations. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)