



SAFETY DATA SHEET
according to REGULATION (EC) No 1907/2006

Print date:
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Version:
1

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

Product identifier

Product trade name: **JAX Hydro-Chain Grease**

Use of the substance/preparation

Application: Lubricating grease

Company/undertaking identification

Supplier:

JAX INC.
W134 N5373 CAMPBELL DRIVE
MENOMONEE FALLS, WI 53051 USA
Tel: +01-262-781-8850
Fax: +01-262-781-3906

National contact:

REACH Only Representative
B-Lands Consulting
WTC, 5 Place Robert Schuman, BP 1516, 38025 Grenoble, France
Tel: +33 476 230 627
services@reachteam.eu
www.reachteam.eu

Emergency telephone number:

UK - National Poisons Emergency: +44 870 600 6266 (24h - health professionals only).
Ireland - National Poisons Information Centre: +353 1 8379964.

SECTION 2: Hazards identification

Indication of danger:

None

Most important hazards:

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 3: Composition/information on ingredients

Chemical nature of the substance or preparation:

Product is a mixture.

SECTION 3: Composition/information on ingredients

According to Regulation (EC) No 1272/2008:

HAZARDOUS COMPONENTS

Components	Weight %	Classification	Registration No.
Triphenyl phosphate 115-86-6	< 1	Aquatic Chronic 2 (H411)	Not yet assigned
N, N-Bis(2-ethylhexyl) -ar-methyl-1H-benzotriazole 1-methane 94270-86-7	< 1	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	Not yet assigned

SECTION 4: First aid measures

General advice:	If symptoms persist, call a physician.
Inhalation:	In the case of inhalation of aerosol/mist consult a physician if necessary.
Skin contact:	Remove and wash contaminated clothing before re-use
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Ingestion:	Rinse mouth.
Note to physician:	Treat symptomatically.

SECTION 5: Firefighting measures

Flash Point (°C):	204
Explosive Limits:	
- lower limit:	No data available
- upper limit:	No data available
Suitable extinguishing media:	Use dry chemical, CO ₂ , water spray or "alcohol" foam
Extinguishing media which must not be used for safety reasons:	High volume water jet
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:	Carbon monoxide (CO) Phosphor oxides (PO _x)
Specific hazards:	No information available
Unusual hazards:	None known

Special protective equipment for fire-fighters: Standard procedure for chemical fires.

Specific methods: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

Personal precautions: Ensure adequate ventilation.

Environmental precautions: Do not flush into surface water or sanitary sewer system.

Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7: Handling and storage

Handling

Technical measures/precautions: Provide sufficient air exchange and/or exhaust in work rooms.

Safe handling advice: In case of insufficient ventilation, wear suitable respiratory equipment.

Storage

Technical measures/storage conditions: Store at room temperature in the original container

Incompatible products: No special restrictions on storage with other products

Safe storage temperature: 5 - 35 °C

SECTION 8: Exposure controls/personal protection

Exposure controls

Exposure Limit Values

Components	OEL - STEL	OEL - TWA
Triphenyl phosphate 115-86-6	No data available	No data available
N, N-Bis(2-ethylhexyl) -ar-methyl-1H-benzotriazole 1-methane 94270-86-7	No data available	No data available

Further information: None

Occupational exposure controls

Engineering measures: Ensure adequate ventilation.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection: For example: Neoprene gloves (0.75 mm - 30 min)

Eye protection: Safety glasses

Skin and body protection: Long sleeved clothing

Environmental exposure controls

Recommendations: None

SECTION 9: Physical and chemical properties

<u>Property</u>	<u>Result</u>
Appearance	
Physical state:	Solid
Colour:	Light brown
Odour:	Characteristic
Odour threshold:	Mild odour
pH 100%:	Not applicable: Product does not contain water.
Melting point/range (°C):	>20
Boiling point/range (°C):	>35
Flash Point (°C):	204
Flammability (solid/gas):	No data available
Explosive Limits:	
- upper limit:	No data available
- lower limit:	No data available
Vapor pressure (kPa):	No data available
Relative density:	1.200 (g/cm ³)
at	20 (°C)
Solubility:	
- water solubility:	Not soluble
- fat solubility:	Not determined
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature (°C):	Not determined
Decomposition temperature (°C):	Not determined
Viscosity:	565 (mm ² /s)
at	40 (°C)
Oxidising properties:	No data available

SECTION 10: Stability and reactivity

Stability:

Stable under recommended storage conditions.

Conditions to avoid:

None known

Materials to avoid:

Strong oxidizing agents

Hazardous decomposition products:

None under normal use

Hazardous Polymerization:

Not applicable

SECTION 11: Toxicological information

Information on toxicological effects

LD50 (oral/rat): > 2000 mg/kg (calculated)

Components	LD50 - Oral, Rat (mg/kg)	LD50 - Dermal, Rabbit (mg/kg)	LC50 - Inhalation, Rat, 4h (mg/l)
Triphenyl phosphate 115-86-6	3500	7900	No data available
N, N-Bis(2-ethylhexyl) -ar-methyl-1H-benzotriazole 1-methane 94270-86-7	>2000	>2000	No data available

Long-term effects

Other long-term effects: No data available

SECTION 12: Ecological information

Ecotoxicity

LC50 (Fish - 96h): 10 - 100 mg/l

EC50 (Water Flea - 48h): 10 - 100 mg/l

IC50 (Algae - 72h): 10 - 100 mg/l

Components	LC50 (Fish - 96h)	EC50 (Water Flea - 48h)	EC50 (Algae - 72h)
Triphenyl phosphate 115-86-6	0.28-0.5 mg/L (Oncorhynchus mykiss) 0.47-1.04 mg/L (Lepomis macrochirus) 0.53-0.8 mg/L (Pimephales promelas) 0.81-0.94 mg/L (Pimephales promelas) 1.2 mg/L (Oryzias latipes)	0.86 - 1.2 mg/L (Daphnia magna)	No data available
N, N-Bis(2-ethylhexyl) -ar-methyl-1H-benzotriazole 1-methane 94270-86-7	1.3 mg/l (Brachydanio rerio)	1.4 mg/l (Daphnia magna)	No data available

Surface tension: No data available

Persistence and degradability

Degradation (qualitative): No easily biological degradable

Components	Log Pow:	Bioconcentrationfactor (BCF):
Triphenyl phosphate 115-86-6	4.59	
N, N-Bis(2-ethylhexyl) -ar-methyl-1H-benzotriazole 1-methane 94270-86-7	>6	

SECTION 13: Disposal considerations

Waste from residues/unused products: Dispose of in accordance with local regulations

Contaminated packaging: Dispose of as unused product.
Methods for cleaning up: No information available
EWC waste disposal No.: 13 02 05*

SECTION 14: Transport information

ADR Not regulated
IMDG Not regulated
IATA Not regulated

SECTION 15: Regulatory information

European regulations

EC classification and labelling (67/548/EEC - 1999/45/EC)

Indication of danger: None

R phrases:

R combination phrases: R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases:

S29 - Do not empty into drains.
S57 - Use appropriate containment to avoid environmental contamination.

EC EINECS/ELINCS/NLP list: This product complies with EINECS

National regulations

France

Maladies Professionnelles (F): 34

Germany

Water endangering class - WGK: 1(S)

SECTION 16: Other information

Indication of changes

Version: 1
Revision date: 26.08.2016
Reason for revision: New logo and general revision.

Abbreviations and acronyms

Full text of H-Statements referred to under sections 2 and 3

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H411 - Toxic to aquatic life with long lasting effects

Further information:

Training advice: See our technical data sheet.

Sources of key data used to compile the data sheet: Material safety data sheets of the ingredients.

Disclaimer

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

End of Safety Data Sheet