

SAFTEY DATA SHEET

1. IDENTIFICATION OF THE MIXTURE

1.1. Identification of the substance or preparation

Product name: ChainJ

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

Relevant Identified uses: Drip application of chain lubricant on bicycle chains

Uses advised against: No information

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

Svenska Filialen till Sports adVentures Intl. SA, Schweiz, Västra Granholmen,
185 99 Vaxholm, Sweden
Tel: + 46 8 559 26 908
e-mail: info@sportsadventures.ch

1.4. Emergency telephone number:

No information

2. HAZARDS IDENTIFICATION

2.1. Classification of the mixture:

The product is not classified as dangerous

2.2. Label elements

Hazard pictograms n/a

Signal word n/a

Hazard Statements n/a

Precautionary statements n/a

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	EC number	CAS number	Concentration %	Classification	SCL, M factor
Biodegradable Base Oil		120962-03-0	40-60%	not classified	
Biodegradable Base Oil		178603-64-0	40-60%	not classified	
Additive: sorbitan oleate	215-665-4	1338-43-8	<5%	not classified	

4. FIRST AID MEASURES

Eye contact:

Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Obtain medical attention if symptoms occur.

Skin contact:

Wash with soap and water. Obtain medical attention if symptoms occur.

Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training.
Notes to physician:	No specific treatment. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable :	CO ₂ , dry chemical, or foam. Water can be used to cool and protect exposed material.
Not suitable:	None known.

5.2. Hazardous thermal decomposition products:

Decomposition products may include the following materials:	Carbon dioxide, carbon monoxide
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5.3. Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wipe and clean area, the product is slippery and avoid walking in oil spills.
Environmental:	No special precautions needed for smaller spills, product is biodegradable.
Methods for cleaning up:	Absorb with an inert dry material and place in an appropriate waste disposal container. For large spills, contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling:	No special precautions needed for intended use.
Fire prevention:	No special precautions needed for intended use.
Environmental precautions:	No special precautions needed for intended use.
Hygiene:	Wash hands with water and soap.

7.2. Conditions for safe storage

Technical measures and storage conditions: Store in accordance with local regulations. Keep storage area below 50 degree Celsius

Packaging material:	Store in original container. Containers that have been opened must be carefully closed and kept upright to prevent leakage.
Requirement for storage room:	Protected from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits	No known significant effects or critical hazards
Biological limit values	No known significant effects or critical hazards
Exposure limits at intended use:	For intended application, no special ventilation is required. Good general ventilation is sufficient. to control worker exposure to airborne contaminants..

8.2. Exposure control

Appropriate engineering controls:	No information
Personal protective equipment:	
Eye protection:	Not needed for intended use of product.
Hand protection:	Not needed for intended use of product, avoid prolonged contact
Skin protection:	Normal precaution as when handling oil products, avoid prolonged contact
Respiratory protection:	Not needed for intended use of product
Environmental exposure controls:	No information

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. General information

Appearance	
Physical state:	Liquid
Colour:	Light yellow
Odour:	Mild.
Odour threshold:	Not available
pH:	6.5 to 7.5
Pour point:	-51°C
Flash point:	Closed cup: >177°C [Pensky-Martens].
VOC:	None
Solubility:	Partially soluble in the following materials: n-octanol. Insoluble in the following materials: cold water and hot water.
Viscosity:	Kinematic: 0.043 cm ² /s (4.3 cSt @ 100°C)

10. STABILITY AND REACTIVITY

Stability:	The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.
Conditions to avoid:	No specific data.
Materials to avoid:	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Conditions to avoid:	Do not expose to excessive heat, ignition sources, or oxidizing materials. Avoid contact with strong oxidizers. Avoid contact with strong caustic agents.

11. TOXICOLOGICAL INFORMATION**Potential acute health effects**

Inhalation :	No data available to indicate product or components may be respiratory sensitizers.
Ingestion:	The LD50 in rats is > 5000 mg/kg. Based on data from components or similar materials.
Skin contact:	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Eye contact:	Not expected to cause eye irritation. Based on data from components or similar materials.
Respiratory Irritation:	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with mineral oil. Based on data from components or similar materials. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem.

Potential chronic health effects**Reproductive toxicity**

Chronic effects:	No data available to indicate product or components present at greater than 1% are chronic health hazards. .
Carcinogenity :	No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.
Mutagenicity :	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Teratogenicity :	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Developmental effects:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. .
Fertility effects:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Over-exposure signs/symptoms

Inhalation :	No specific data.
Ingestion :	No specific data.
Skin :	No specific data.
Eyes :	No specific data.

12. ECOLOGICAL INFORMATION**12.1.Toxixity**

Mixture is not toxic.

12.2. Persistence and biodegradability

Product expected to be readily biodegradability (>60%) as measured by ASTM D7373 test.

12.3. Bioaccumulative potential

No known bioaccumulative potential.

12.4. Mobility in soil:

Not known

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:	The generation of waste should be avoided or minimised wherever possible. Disposal of this product should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Waste treatment options:	Within the present knowledge of the supplier, this product is not regarded as hazardous waste

14. TRANSPORT INFORMATION**International transport regulations**

ADR/RID / IMDG / IATA Classes:	Not regulated by any transport mode.
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15. REGULATORY INFORMATION**15.1.Safety, health and environmental regulations/legislation specific for the substance or mixture**

Classification and labeling have been determined according to REGULATION (EC) No 1272/2008 and take into account the intended product use.

15.2. Chemical Safety Assessment

For this mixture a chemical safety assessment is not required

16. OTHER INFORMATION

16.1. History

Date of issue:	10/10/2014 updated to REGULATION (EC) No 1272/2008
Previous issue:	26/2/2013
Previous issue:	31/7/2008
Version:	3

16.1. Abbreviations and acronyms:

16.2. Key literature references and sources for data