

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** Bearing Juice**Product code:** BRJ1 + WBRJ1**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Lubricants, greases, release products.**1.3. Details of the supplier of the safety data sheet****Company name:** Velobrands Ltd

Coplestone Mill

Coplestone

Crediton

Devon

EX17 5NF

United Kingdom

Tel: +44 (0)1363 85617**Email:** info@juicelubes.com**1.4. Emergency telephone number****Emergency tel:** +44 (0)1363 85617

(office hours only)

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CLP:** Aquatic Chronic 2: H411; Eye Irrit. 2: H319**Most important adverse effects:** Causes serious eye irritation. Toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental

**Signal words:** Warning

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Precautionary statements: P264: Wash hands thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P391: Collect spillage.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ZINC OXIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	1314-13-2	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-10%

ZINC NAPHTHENATE

-	12001-85-3	-	Aquatic Chronic 2: H411	1-10%
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PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(2-ETHYLHEXYLAND ISO-BU AND ISO-PR) ESTERS, ZINC SALTS

288-917-4	85940-28-9	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411	1-10%
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YELLOW DYE OIL

-	-	-	Acute Tox. 4: H302; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Irrit. 2: H315; Carc. 2: H351; Aquatic Chronic 2: H411; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Acute Tox. 4: H332; STOT SE 3: H336; STOT SE 3: H335; Acute Tox. 4: H312; Acute Tox. 3: H311; Eye Irrit. 2: H319; -: EUH066	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Not applicable.

[cont...]

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: Not applicable.

Delayed / immediate effects: Continuous skin contact may cause skin sensitivity and dermatitis

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Not applicable.

7.3. Specific end use(s)

Specific end use(s): PC24: Lubricants, greases, release products.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ZINC OXIDE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m ³	10 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Grease

Colour: Green

Odour: Odourless

Solubility in water: Insoluble

Flash point°C: >200

Autoflammability°C: >200

9.2. Other information

Other information: Not applicable.

[cont...]

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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ZINC OXIDE

IPR	RAT	LD50	240	mg/kg
ORL	MUS	LD50	7950	mg/kg

ZINC NAPHTHENATE

DERMAL	RAT	LD50	5000	mg/kg
DERMAL	RBT	LD50	>5	g/kg
ORAL	RAT	LD50	4920	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: Not applicable.

[cont...]

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Delayed / immediate effects: Continuous skin contact may cause skin sensitivity and dermatitis

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ZINC OXIDE

ALGAE	72H ErC50	.042	mg/l
DAPHNIA	48H EC50	98	µg/l
FISH	96H LC50	320	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Insoluble in water. Absorbed only slowly into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H351: Suspected of causing cancer ({{{0}}|message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>||filter=(_)? EXP_ROUTE_+}}}).

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

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Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.