



Material Safety Data Sheet

Accepta 2023

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name: ACCEPTA 2023
 Application: All organic corrosion inhibitor cooling water treatment

Company Identification: Accepta Ltd.
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 Manchester
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 United Kingdom

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 Office fax number: +44 (0) 870 135 6389
 Emergency Telephone Number: +44 (0) 161 240 2100

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION: Phosphonate, Polymer, in aqueous solution.

HAZARDOUS INGREDIENTS: This product is not classified as hazardous (European Directive 88/379/EEC).

HAZARDOUS INGREDIENTS:					
CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
95-14-7	2023941	Benzotriazole	0.5 – 1.5	Xn	22,36,52/53
29329-71-3	2495594	Sodium 1-hydroxyethylidene-1,1-diphosphonate	1-5	Xi	36/38

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS: Acute

INHALATION: No adverse effects expected.

SKIN CONTACT: Can cause mild irritation.

EYE CONTACT: Can cause moderate irritation.

INGESTION: May cause mucosal damage.

ENVIRONMENTAL HAZARDS:

PHYSICAL AND CHEMICAL HAZARDS: None.

HUMAN HEALTH HAZARDS - CHRONIC: No data available



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4. FIRST AID MEASURES

INHALATION: Remove to fresh air, rest, treat symptomatically. Obtain medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash off affected area immediately with plenty of water. If skin irritation persists, obtain medical attention.

EYE CONTACT: Immediately gently irrigate with clean water for at least 15 minutes. Move eyeball and keep eyelids wide open and apart whilst irrigating. Obtain medical attention.

INGESTION: Do not induce vomiting without medical advice. If conscious wash out mouth and give 500ml of water to drink. Obtain medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Not expected to burn. Water spray, foam, dry powder, carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: None.

FIRE AND EXPLOSION HAZARD: None.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING: In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Use personal protective equipment recommended in Section 8

ENVIRONMENTAL PRECAUTIONS: Do not allow to enter sewers or water courses. If spillage does enter sewers or water courses, immediately inform the appropriate water authorities.

METHODS FOR CLEANING UP:

Small spills: Soak up with inert absorbent material. Clean up promptly by scoop or vacuum.

Large spills: Sweep up and shovel. Reclaim into recovery or salvage drums



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7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Do not take internally. Wear suitable protective clothing.

STORAGE CONDITIONS: Keep container tightly closed.

CONSTRUCTION MATERIAL COMPATIBILITY.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None.

ENGINEERING MEASURES: General ventilation is recommended.

RESPIRATORY PROTECTION: Respiratory protection not normally needed. Avoid generating aerosols and mists.

HAND PROTECTION: Impervious gloves.

SKIN PROTECTION: Standard protective clothing.

EYE PROTECTION: Chemical splash goggles.

HYGIENE RECOMMENDATIONS: Keep an eye wash fountain available. Keep a safety shower available. Wash hands at breaks and at the end of the shift. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: These physical properties are typical values for this product

FORM: Liquid

COLOUR: Yellow

ODOUR: None

BOILING POINT: 100 °C ASTM D-86

MELTING POINT: NA

FLASH POINT: None

AUTOFLAMMABILITY: NA

EXPLOSION LIMITS: NA

VAPOUR PRESSURE: same as water

RELATIVE DENSITY: 1.105-1.160 g/cm³ ASTM D-1298

SOLUBILITY IN WATER: Complete

pH (neat, 20°C): 2.6 - 3.8 ASTM E-70

OCTANOL/WATER COEFFICIENT: NE

VISCOSITY (16 °C): 10 cps ASTM D-2983

BULK DENSITY: NA

FREEZING POINT: - 5 °C ASTM D-1177

POUR POINT: NA

Abbreviation: NE = not evaluated, NA = not applicable, NR = not relevant



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10. STABILITY AND REACTIVITY

STABILITY: Stable under ambient conditions.

CONDITIONS TO AVOID: Freezing temperatures.

MATERIALS TO AVOID: Do not mix with Strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of nitrogen, Oxides of sulphur, Oxides of carbon (under fire conditions)

11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

ACUTE TOXICITY DATA:

ACUTE LETHALITY VALUES:
Oral (rat) LD 50 = > 5000 mg/kg.

PRIMARY (DRAIZE TEST) SKIN/EYE: No data available.

SENSITIZATION: No data available.

CHRONIC TOXICITY DATA: No data available.

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION: The product may be degraded via abiotic processes.

MOBILITY AND BIOACCUMULATION POTENTIAL: No bioaccumulation

ECOTOXICOLOGICAL EFFECTS:
LC 50 /96H/Leuciscus idus (Gold Orfe)= 4.0 g/l (OECD-203)
LC 50/48H/Daphnia magna (Water Flea) = > 1000 mg/l
EC₅₀, Pseudomonas Putida = 9.3 g/l (DEV-L3, TTC-Test/Neutralpkt.)
(For evaluation of ecotoxicity in the environmental compartment water, the data of the neutralized product must be used)

ADDITIONAL ECOLOGICAL DATA: AOX information: Product contains no organic halogens



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13. DISPOSAL CONSIDERATIONS

Via authorized contractor. If this product becomes a waste, the final user must define and assign the appropriate European Waste Catalogue code.

NATIONAL REGULATIONS UK: In accordance with the Environmental Protection (Duty of Care) Regulations 1991.

NATIONAL REGULATIONS AUSTRIA: Waste Code: 52725

14. TRANSPORT INFORMATION

Class: Not regulated

15. REGULATORY INFORMATION

CLASSIFICATION:

HAZARD SYMBOL: Not applicable

Contains: --

RISK PHRASES: This product is not classified as hazardous (European Directive 88/379/EEC)

SAFETY PHRASES: S24/25 Avoid contact with skin and eyes S36/39 Wear suitable protective clothing and eye/face protection. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S28 After contact with skin, wash immediately with plenty of water

NATIONAL REGULATIONS GERMANY

VbF-Klasse: None

WHG-WGK: 1 Classification according VwVwS v. 17.05.99, Anhang 4

StörfallVO: /12.BImSchV.Liste d. Anh. II): -

TA-Luft: -

Berufsgenossensch. Vorschriften: None

Hinweise zur Beschäftigungsbeschränkung: -

NATIONAL REGULATIONS UK

COSHH regulations apply. A precaution card is available and should be displayed wherever this product is used and stored.



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16. OTHER INFORMATION

U.S. DEPARTMENT OF AGRICULTURE (USDA): Authorized use is under category G7.

Emergency Telephone Number +44 (0) 161 240 2100