



Material Safety Data Sheet

Accepta 2024

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 2024
Application:	Phosphonate scale & corrosion inhibitor cooling water treatment
Company Identification:	Accepta Ltd. Quay West Trafford Wharf Road Manchester M17 1HH United Kingdom
Office telephone number:	+44 (0) 161 240 2100
Office fax number:	+44 (0) 870 135 6389
Emergency Telephone Number:	+44 (0) 161 240 2100

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION: Preparation containing: Water, Polymer, Phosphonate, Organic acid.

HAZARDOUS INGREDIENTS:					
CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
80584-88-9	2795013	N-alkylated Tolytriazole	1 - 5	Xn	22,41,43, 52/53
80584-89-0	2795029				
2809-21-4	2205528	Aceto diphosphonic acid	1 - 5	C	34

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS: Acute

INHALATION: May cause irritation of mucous membranes.

SKIN CONTACT: Can cause mild irritation. May cause sensitization by skin contact.

EYE CONTACT: Can cause mild irritation.

INGESTION: There may be irritation to the gastro-intestinal tract with nausea and vomiting.

ENVIRONMENTAL HAZARDS:

PHYSICAL AND CHEMICAL HAZARDS:

HUMAN HEALTH HAZARDS - CHRONIC: May cause sensitization by skin contact.



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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: Rinse mouth immediately and repeatedly with water. Do not induce vomiting without medical advice. Obtain medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, foam, dry powder, carbon dioxide.

FIRE AND EXPLOSION HAZARD: Oxides of nitrogen, Oxides of sulphur, Oxides of carbon and Oxides of phosphorus (under fire conditions).

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: Dam up. Reclaim into recovery or salvage drums.



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7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. Use with adequate ventilation. Do not mix with any other chemical.

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: If significant mists, vapours or aerosols are generated an approved respirator is recommended.

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

ODOUR: Slight

BOILING POINT: 100 °C ASTM D-86

FLASH POINT: None

VAPOUR PRESSURE : same as water

RELATIVE DENSITY: 1.25 g/cm³ ASTM D-1298

SOLUBILITY IN WATER: Complete

pH (neat, 20°C): 3.2 ASTM E-70

VISCOSITY (20 °C): 60 cps ASTM D-2983

FREEZING POINT: -12 °C ASTM D-1177

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: Extremes of temperature.

MATERIALS TO AVOID: Bases. Strong oxidizing agents. Corrosive to steel, copper and alloys.

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

11. TOXICOLOGICAL INFORMATION

Hazard classification is based on 88/379/EEC, 67/548/EEC and available ingredient toxicity data. Please refer to section 3 for hazards identification.

ACUTE TOXICITY DATA:
ACUTE LETHALITY VALUES:
PRIMARY (DRAIZE TEST) SKIN/EYE:

12. ECOLOGICAL INFORMATION

No data available on the product.

PERSISTENCY AND DEGRADATION:

MOBILITY AND BIOACCUMULATION POTENTIAL:

ECOTOXICOLOGICAL EFFECTS:

ADDITIONAL ECOLOGICAL DATA:



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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. Special Waste Regulations 1996 apply.


NATIONAL REGULATIONS AUSTRIA Waste Code: 52725

14. TRANSPORT INFORMATION

Class: 8 Packing Group: III UN No: 3265
 Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. Contains: Aceto diphosphonic acid, Phosphonocarboxylic acids.
 ADR/RID, H.I.n.: 80
 ADR/RID, No: 40 c)
 IMDG Page 8147-1
 EmS-Nr.: 8-15
 MFAG-Nr.: 760

15. REGULATORY INFORMATION

CLASSIFICATION:
 HAZARD SYMBOL: Irritant



Xi, IRRITANT

Contains: N-alkylated Tolytriazole
 RISK PHRASES: R43 May cause sensitization by skin contact.
 SAFETY PHRASES: S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37 Wear suitable protective clothing and gloves. S28 After contact with skin, wash immediately with plenty of water.
 NATIONAL REGULATIONS GERMANY
 VbF-Klasse: None
 WHG-WGK: 2 Classification according VwVwS v. 17.05.99, Anhang 4
 TA-Luft: -
 Berufsgenossensch. Vorschriften: Take notice of UVV-Chemie
 Hinweise zur Beschäftigungsbeschränkung: Observe § 15 of regulations for hazardous substances
 NATIONAL REGULATIONS UK: COSHH regulations apply. A precaution card is available and should be displayed wherever this product is used and stored (Ref XnXi)



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 240 2100