



**Material Safety Data Sheet**

**Accepta 2049**

Date issued: 01-06-2004

**1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY**

Product Name:	ACCEPTA 2049
Application:	Water Treatment Flocculant: High molecular weight anionic liquid polymer
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: Anionic high molecular polyacrylate dispersed in hydrocarbon solvent

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

CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
64742-47-8	2651498	Aliphatic hydrocarbon	15 - 25	Xn	65
68131-39-5	5001957(NLP)	Fatty alcohol ethoxylate	0.5 - 5	Xn, N	22, 41, 50

**3. HAZARD IDENTIFICATION**

HUMAN HEALTH HAZARDS: Acute

INHALATION: May cause irritation with prolonged contact.

SKIN CONTACT: Can cause mild irritation.

EYE CONTACT: Can cause mild irritation.

INGESTION: If swallowed a gelly mass may form which in digestion may cause blockage. May cause mucosal damage.

ENVIRONMENTAL HAZARDS:

PHYSICAL AND CHEMICAL HAZARDS: Spill may be slippery. Addition of water results in gelling.



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### 4. FIRST AID MEASURES

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

**SKIN CONTACT:** Remove contaminated clothing. Wash off affected area immediately with plenty of soap and water. 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. Seek medical advice immediately, showing the label and/or SDS.

**ADDITIONAL INFORMATION:** Note to Physician: Ingestion of product may cause the formation of a jelly-like mass, which may result in an intestinal obstruction.

### 5. FIRE FIGHTING MEASURES

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

**FIRE AND EXPLOSION HAZARD:** May evolve CO<sub>x</sub> 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:** Do not breathe vapour. 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 soap and water. Ensure adequate ventilation. Use personal protective equipment recommended in Section 8. Spill may be slippery.

**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 as thoroughly as possible with inert absorbent material or sawdust, as the addition of water causes slippery floor conditions. Clean up promptly by scoop or vacuum.

Large spills: Dam up. Reclaim into recovery or salvage drums.

Spill may be slippery.



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### 7. HANDLING AND STORAGE

**HANDLING:** Homogenize thoroughly prior to use. Freezing will affect the physical condition but will not change the material. Thaw and mix before using.

**STORAGE CONDITIONS:** Protect from freezing. Keep container tightly closed and dry. Storage for more than 6 months is not recommended.

**CONSTRUCTION MATERIAL COMPATIBILITY.**

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**OCCUPATIONAL EXPOSURE LIMITS**

**NATIONAL REGULATIONS SWEDEN Mineral Oil Mists:** NGV 1 mg/m<sup>3</sup>, KTV 3 mg/m<sup>3</sup>

**ENGINEERING MEASURES:** Use general ventilation with local exhaust ventilation.

**RESPIRATORY PROTECTION:** If significant mists, vapours or aerosols are generated an approved respirator is recommended ( filter-type: AP)

**HAND PROTECTION:** Nitrile 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:** Off-white

**ODOUR:** Neutral

**BOILING POINT:** > 100 °C OECD/Prüfrichtl

**MELTING POINT:** - 15 °C OECD/Prüfrichtl

**FLASH POINT:** > 100 °C DIN 53213/Teil 1

**RELATIVE DENSITY:** 1,09 g/cm<sup>3</sup>

**SOLUBILITY IN WATER:** Emulsifiable

**pH ( 20 °C, 10 g/l H<sub>2</sub>O )** 8 – 9

**VISCOSITY ( 20 °C )** 400 cps mPa.s

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: Strong oxidizing agents, Water.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon (under fire conditions). Addition of water results in gelling.

### 11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

ACUTE TOXICITY DATA:

ACUTE LETHALITY VALUES:

Oral (rat)  $L_{50} = > 5$  g/kg (estimated)

PRIMARY (DRAIZE TEST) SKIN/EYE:

### 12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION: Persistency/Resistency: Readily eliminated The product is eliminated via abiotic process (adsorption on activated sludge) to a large amount from the aqueous phase Abiotic degradation: The product may be degraded via abiotic processes  
Chemical Oxygen Demand (COD) approx. 3 mg O<sub>2</sub>/l (5 ppm)  
Biological Oxygen Demand (BOD<sub>5</sub>) < 1 mg O<sub>2</sub>/l (5 ppm)

MOBILITY AND BIOACCUMULATION POTENTIAL: Elimination from the aqueous phase via precipitation or flocculation is possible

ECOTOXICOLOGICAL EFFECTS:

ADDITIONAL ECOLOGICAL DATA:

Behaviour in municipal sewage treatment plants: Discharge in minor quantity into adapted biological units of sewage treatment plants is not expected to affect the efficiency of the activated sludge process. AOX information: Product contains no organic halogens

Contains: Ethoxylated octylphenol, 1-2 %



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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: 57304

### 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: S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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. S28 After contact with skin, wash immediately with plenty of soap and water.

SPILLAGE: Spill may be slippery.

NATIONAL REGULATIONS GERMANY Not classified according to regulations for hazardous materials

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: None

NATIONAL REGULATIONS UK COSHH regulations apply. A precaution card is available and should be displayed wherever this product is used and stored (REF.NHSL).



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**16. OTHER INFORMATION**

Emergency Telephone Number +44 (0) 161 240 2100