MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name: **Accepta 8410**

Supplier: **ACCEPTA LIMITED**
Statham House, Talbot Road,
Manchester, M32 0FP.

Telephone Number: +44 (0) 161 877 2334 **Fax:** +44 (0) 870 135 6389

Product Use: Process aid for industrial applications.

2. HAZARDS IDENTIFICATION

Hazardous designation : Xi – IRRITANT
Information pertaining to particular dangers to man and environment.

R36/38 : Irritating to eyes and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature: Aqueous solution of a resin condensate.
Active Content : 8% by wt. (approximately).
Contains -

Chemical	% conc.	CAS No	EC No	Symbol	Risk Phrases
Formaldehyde	< 1%	50-00-0	200-001-8	T	23/24/25/34/40(C3) /43

4. FIRST AID MEASURES

Inhalation : Move to fresh air. If distress is felt, consult a physician.

Skin contact : Remove contaminated clothing. Wash with water as a precaution. In case of persistent skin irritation, consult a physician.

Eye contact : Rinse thoroughly with plenty of water, also under the eyelids for at least 15 minutes. In case of persistent eye irritation, consult a physician.

Ingestion : Flush with water, and then give water to drink. Do not induce vomiting. Call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam, Carbon Dioxide, Dry powder or Water Fog (see section 3)

Special fire-fighting precautions : Use self-contained breathing apparatus.

Fire extinguishing agents to avoid : None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :

Environmental precautions : Do not contaminate drains; use suitable absorbing granules and swep up.

Methods for cleaning up : Provide ventilation and confine spill. Do not allow run off to sewer. During clean up use personnel respiratory protection and/ or liquid contact protection. (See section 8). Run off or release to sewer, waterways or ground forbidden.

Small spills : Absorb onto sand or other inert material and sweep up into suitable container.

Large spills : Prevent the spillage from entering the drains; pump liquid into drums or tank. Inform local authorities of any releases into the environment.

7. HANDLING AND STORAGE

Handling : Ensure good ventilation of workplace. Eye wash facilities should be provided in areas where accidental exposure is foreseeable. Wear protective clothing. Use normal hygiene and house keeping practices.

Storage : Containers should be kept tightly sealed. Temperatures should be kept above freezing point and below 30ºC. Store well away from foodstuffs, beverages etc.

Storage materials : Avoid metal containers. Plastics such as PVC, ABS etc are suitable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure : When handling the working area and methods should be designed to prevent direct contact with the product and inhibit splashing or spillage.

Personal protection equipment

- Respiratory protection : Avoid formation of mists.

- Skin protection : Protective clothing, rubber or plastic gloves.

- Eye protection : Safety glasses with side-shields. Do not wear contact lenses. Equipment for eye rinsing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form :	Clear Liquid
Odour :	Faint
pH :	1.5 –2.0
Solubility in water (weight %);	Infinite (aqueous solution)
Freezing point (°C):	0
Flash point (°C):	> 100
Flammability:	Non flammable
Boiling temperature (°C) :	98
Vapour pressure @ 20°C:	20 mbar @ 20°C 120 mbar @ 50°C
Relative Density :	1.02 –1.04
Auto Flammability :	N/A
Explosive Properties :	N/A
Oxidising properties :	N/A
Solubility in water :	Infinite (an aqueous solution)
Partition coefficient :	n.octanol / water – not applicable
Viscosity :	Non viscous
Molecular weight :	Mixed

10. STABILITY AND REACTIVITY

Materials to avoid :	Strong oxidising agents.
Hazardous decomposition products :	No significant hazard.
Stability :	Stable. No hazardous polymerisation will occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

-Oral LD50 / oral / rat (mg/kg) :	7000mg/kg.
-Eye irritation (rabbits) :	Moderately irritant.

12. ECOLOGICAL INFORMATION

C.O.D: 65 mg oxygen per gram of product.

Bioelimination: >60%, D.O.C. Zahn Wellens test i.e. good

If this product is correctly discharged, in concentrations of up to 1200 mg/l, into adapted biological effluent treatment plants, the degrading action of the activated sludge will not be affected.

Aquatic toxicity : Fish LC 50 mg/l (96Hr)

Rainbow Trout : >10

Bluegill sunfish : 36.0

W.G.K – 1 = : Slight hazard. Own rating.

13. DISPOSAL CONSIDERATIONS

Spillages: See accidental release measures (Section 6).

Contaminated sand etc: Must be disposed of by special means i.e. suitable incineration in accordance with local regulations. Consult a licensed waste disposal contractor.

14. TRANSPORT INFORMATION

Transport Information : Not classified under transport regulations.

15. REGULATORY INFORMATION

This product is classified according to E.E.C Directives and the UK C.H.I.P Regulations SI 2002 No 1689 and amendments.

Code letter and hazard identification of product – Xi – IRRITANT
Hazard determining component of labelling – acidic.

Labelling according to EU directives

Danger symbols : Xi (Irritant).

Risk phrases : R36/38 Irritating to eyes and skin.

Safety phrases : S26 In the event of contact with eyes, rinse immediately with plenty of water (15 min) and seek medical attention.

16. OTHER INFORMATION

Further information:

This MSDS was prepared in accordance with the following:

Council Directive 92/32/EEC of 30 April 1992 amending for the seventh time Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and all subsequent adaptations to technical progress.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

Commission Directive 200 1/58/EC of 27 July 2001 amending for the second time Directive 91/155/EEC defining and laying down the detailed arrangements for the system of specific information relating to dangerous preparations in implementation of Article 14 of European Parliament and Council Directive 1999/45/EC and relating to dangerous substances in implementation of Article 27 of Council Directive 67/548/EEC (safety data sheets).

Material Safety Data Sheet for Chemical Product.

Contact: Telephone: 0161 877 2334

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, process, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.