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DATE: 07/05/09

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product name:	Accepta 4300	
Supplier:	Accepta Ltd Statham House Old Trafford Manchester M32 0FP UK	
Emergency telephone number:	0161 877 2334	Fax: +44 870 135 6389

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation:	Partially neutralized polyacrylic acid sodium salt cas number 9003-0-47
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3. HAZARDS IDENTIFICATION

Low hazard, dust may irritate eyes and respiratory system

4. FIRST AID MEASURES

Inhalation:	Move to fresh air.
Skin contact:	Wash with water and soap as a precaution. In case of persistent skin irritation, consult a physician.
Eye contact:	Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.
Ingestion:	Consume 250ml of water, in severe cases seek medical advice. Provide this document to GP

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water, water spray, foam, carbon dioxide (CO2) dry powder.
Special fire-fighting precautions:	Emits toxic fumes when incinerated, keep powder away from ignition sources.
Special protective equipment for fire-fighters:	Breathing apparatus should be worn by all personnel tackling the fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	No special precautions required.
Environmental precautions:	Do not contaminate water.
Methods for cleaning up:	<u>Do not flush with water.</u> Clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. <u>After cleaning</u> flush away traces with water.

Product name: **Accepta 4300**

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.

Storage: Keep in a dry, cool place (0-35 °C).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures to reduce exposure: Use local exhaust if dusting occurs.
Natural ventilation is adequate in absence of dusts.

Personal protection equipment

- Respiratory protection: Dust safety masks are recommended where concentration of total dust is more than 10 mg/m³
- Hand protection: Rubber gloves.
- Eye protection: Safety glasses with side-shields. Do not wear contact lenses.
- Skin & body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Hygiene measures: Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: granular solid

Colour: white

Odour: none

pH: 4-9 @ 5% solids

Melting point (°C): Not applicable

Flash point (°C): Not applicable

Autoignition temperature (°C): Not applicable

Vapour pressure mm Hg): Not applicable

Bulk density: See Technical Bulletin.

Water solubility: See Technical Bulletin.

Viscosity (mPa s): See Technical Bulletin.

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10. STABILITY AND REACTIVITY

Stability: Product is stable, no hazardous polymerisation will occur.

Materials to avoid: Oxidizing agents may cause exothermic reactions.

Hazardous decomposition products: Thermal decomposition may produce: carbon oxides, nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Acute toxicity

- Oral: LC50 500mg/l Fish

- Dermal: The results of testing on rabbits showed this material to be non-toxic even at high dose levels.

12. ECOLOGICAL INFORMATION

- Rat LD50 2000mg/kg oral

- Algae EC50/Scenedesmus subspicatus /72h>100mg/l

- Bioaccumulation: The product is not expected to bioaccumulate.

- Persistence / degradability: Biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations.

Contaminated packaging: Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Remarks: Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

This product is not a hazardous article and need not to be labelled according to EC-Directives as amended.

16. OTHER INFORMATION

Person to contact: Nigel Richardson, tel: +44 161 877 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 a guidance for safe handling, use, processing, 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.