

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name : Accepta 4212
Company : Accepta Limited
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Product Use : Processing aid for industrial applications.

2. HAZARDS IDENTIFICATION

Hazard Identification

Aqueous solutions or powders that become wet render surfaces extremely slippery

3. COMPOSITION/INFORMATION ON INGREDIENTS

Identification : Anionic water-soluble polymer.

Regulated Components

None.

4. FIRST AID MEASURES

Inhalation : No hazards which require special first aid measures.

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 : The product is not considered toxic based on studies on laboratory animals.

5. FIRE-FIGHTING MEASURES

Unsuitable extinguishing media : None.

Suitable extinguishing media : Carbon dioxide (CO₂). Foam. Dry powder. Water. Water spray.

Precautions : Aqueous solutions or powders that become wet render surfaces extremely slippery.

Special protective equipment for firefighters : No special protective equipment required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : No special precautions required.

Environmental precautions : As with all chemical products, do not flush into surface water.

Methods for cleaning up : Do not flush with water . Clean up promptly by sweeping or vacuum. Keep in suitable, closed containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling

Safe handling advice : 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 cool, dry place (0 - 35 °C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts.

Personal protective equipment

Respiratory protection : Dust safety masks recommended where working powder concentration is more than 10 mg/m³.

Hand protection : Rubber gloves.

Eye protection : Safety glasses with side-shields. Do not wear contact lenses where this product is used.

Sldn and body protection : Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Hygiene measures

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Granular solid

Color : White

Odor : None

Melting point/range : Not applicable

Flash point : Not applicable

Autoignition temperature (°C) : Not applicable

Approx. bulk density : 0.80

Water solubility : Completely miscible

LogPow : —0

10. STABILITY AND REACTIVITY

Stability : Hazardous polymerisation does not occur. Stable.

Materials to avoid : Oxidizing agents may cause exothermic reactions.

Hazardous decomposition products : Thermal decomposition may produce. Nitrogen oxides (NO_x). Carbon oxides (CO_x).

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral : LD50/oral/rat > 5000 mg/kg.

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

Inhalation : The product is not expected to be toxic by inhalation.

Irritation

Skin : The results of testing on rabbits showed this material to be non-irritating to the skin.

Eyes : Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular materials have on conjunctivae.

Sensitization

The results of testing on guinea pigs showed this material to be non-sensitizing.

Chronic toxicity

A two-year feeding study on rats did not reveal adverse health effects. A one-year feeding study on dogs did not reveal adverse health effects.

12. ECOLOGICAL INFORMATION

Aquatic toxicity

Toxicity to fish :

LC50/96 hours > 100 mg/l. (OECD 203). (Based on results obtained from tests on analogous products.).

Toxicity to daphnia :

LC50/Daphnia m./48 hours > 100 mg/l. (OECD 202). (Based on results obtained from tests on analogous products.).

Toxicity to algae :

IC50/Scenedesmus subspicatus/72 hours > 100 mg/l. (OECD 201)
(Based on results obtained from tests on analogous products.)

Environmental fate

Persistence and degradability : Not readily biodegradable.

Hydrolysis : Does not hydrolyse.

Bioaccumulation : Does not bioaccumulate.

LogPow : —0

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products : In accordance with local, state and federal regulations.

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

14. TRANSPORT INFORMATION

ADR/RID

Not classified as dangerous in the meaning of ADR/RID regulations.

IMDG/IMO

Not classified as dangerous in the meaning of IMO/IMDG transport regulations.

ICAO/IATA

Not classified as dangerous in the meaning of ICAO/IATA transport regulations.

15. REGULATORY INFORMATION

Classification and Labelling

This product is not classified as dangerous and need not to be labelled according to EC-Directives as amended.

International Inventories

European Union (REACH) :

All components of this product have been registered or pre-registered with the European Chemicals Agency or are exempt from registration.

USA (TSCA): All components of this product are either listed on the inventory or are exempt from listing.

Canada (DSL) : All components of this product are either listed on the inventory or are exempt from listing.

Australia (AICS) : All components of this product are either listed on the inventory or are exempt from listing.

Japan (ENCS) : All components of this product are either listed on the inventory or are exempt from listing.

Korea (ECL) : All components of this product are either listed on the inventory or are exempt from listing.

Philippines (PICCS) : All components of this product are either listed on the inventory or are exempt from listing.

16. OTHER INFORMATION

Further information

This MSDS was prepared in accordance with the following:

Directive 1999/45/EC

Directive 67/548/EEC

Regulation (EC) N° 1272/2008

Regulation (EC) N° 1907/2006

as amended.

Contact : info@accepta.com

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