

Aspen Rentals

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name : **AR - 953**

Company : Aspen Rentals
2004 Victoria Street
Freeport, TX 77541

Telephone : 505-670-5968
E-mail : info@aspen-rentals.com
Emergency telephone number : 800-424-9300 (CHEMTREC)

Product Use : Processing aid for industrial applications.

2. HAZARDS IDENTIFICATION

Appearance and Odor

Form : Viscous liquid

Color : Milky

Odor : Aliphatic

Emergency Overview : Spills produce extremely slippery surfaces.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Identification : Anionic water-soluble polymer in emulsion.

4. FIRST AID MEASURES

Inhalation : No hazards which require special first aid measures.

Skin contact : Wash off immediately with soap and plenty of water. 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

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

Precautions : Spills produce extremely slippery surfaces.

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

Flash point : Does not flash.

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Autoignition temperature : Does not ignite

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : No special precautions required.

Environmental precautions : Do not contaminate water.

Methods for cleaning up : Do not flush with water Dam up. Soak up with inert absorbent material. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Keep in suitable and 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. When preparing the working solution ensure there is adequate ventilation. When using do not smoke.

Storage

Keep in a dry cool place (0 - 30 °C). Freezing will affect the physical condition and may damage the material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Personal protective equipment

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection : Rubber gloves.

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

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

Hygiene measures : Wash hands and face before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Viscous liquid

Color : Milky

Odor : Aliphatic

pH : 6 - 8 @ 5 g/l

Melting point/range : Not applicable

Flash point : Does not flash

Autoignition temperature : Does not ignite

Approx. bulk density : 1.05

Water solubility : See Technical Bulletin

10. STABILITY AND REACTIVITY

Stability : Stable. Hazardous polymerisation does not occur.

Materials to avoid : Oxidizing agents may cause exothermic reactions.

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

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11. TOXICOLOGICAL INFORMATION

Acute toxicity Skin : The product is not expected to be toxic.

Oral : LD50/ora^{rat} > 5000 mg/kg.

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

Irritation Skin : May cause skin irritation with susceptible persons.

Eyes : May cause eye irritation with susceptible persons.

Sensitization : The product is not expected to be sensitizing.

Chronic toxicity : Prolonged skin contact may defat the skin and produce dermatitis.

12. ECOLOGICAL INFORMATION

Aquatic toxicity

Toxicity to fish : LC50/96 hours > 100 mg/l (OECD 203).

Toxicity to daphnia : EC50/48 hours > 100 mg/l (OECD 202).

Toxicity to algae : IC50/Scenedesmus subspicatus/72 hours > 100 mg/l (OECD 201).

Environmental fate

Persistence and degradability : Not readily biodegradable.

Hydrolysis : Does not hydrolyse.

13. DISPOSAL CONSIDERATIONS

Disposal : In accordance with local, state and federal regulations.

Container : 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, state and federal regulations.

14. TRANSPORT INFORMATION

DOT

Dot status : Not classified as dangerous in the meaning of DOT regulations

IMDG/IMO Remarks : Not classified as dangerous in the meaning of IMØIMDG regulations.

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

15. REGULATORY INFORMATION

International Inventories

European Union (EINECS/ELINCS) : All components of this product are either listed on the inventory or are exempt from listing.

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.

China (IECSC) : 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.

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16. OTHER INFORMATION

NFPA and HMIS Ratings :

NFPA :

Health : 1

Flammability : 1
Instability : 0

HMIS :

Health : 1
Flammability : 1
Physical Hazard : 0

This MSDS was prepared in accordance with the following :

ISO 11014-1: Material Safety Data Sheet for Chemical Products ANSI Z400.1-2004; Material Safety Data Sheets - Preparation

The data in this Material Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.