

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product : AQUADIAMONDS 35K2

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation: Super absorbent polyacrylamide

Identification of the substance:

3. HAZARDS IDENTIFICATION

The product when wet renders surfaces extremely slippery.

The product swells in water

4. FIRST AID MEASURES

Inhalation: No hazards which require special first aid measures

Skin contact: No hazards which require special first aid measures.

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:

Fire extinguishing agents to avoid:

Special fire-fighting precautions: Water, water spray, foam, carbon dioxide (CO₂), dry powder.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No special precautions required

Environmental precautions: Do not contaminate water.

Methods for cleaning up : 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: Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Personal protection equipment

Dust safety masks are recommended where concentration of total dust is more than 10mg/m³.

Hand protection: Gloves are recommended.

Eye protection: Safety glasses with side-shields. Do not wear contact lenses.

Skin protection: No special protective clothing required.

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

Color: white
Odor: none
Melting point (C): not applicable
Flash point (C): not applicable
Autoignition temperature (C): not applicable
Vapor pressure (mm Hg) : not applicable
Bulk density: See Technical Bulletin
Water solubility: Insoluble
Viscosity (mPa s): See Technical Bulletin

10. STABILITY AND REACTIVITY

Stability: Product is stable, No hazardous polymerization will occur..
Conditions to avoid: No special precautions required. The product swells in water.
Hazardous decomposition Thermal decomposition may produce hydrogen cyanide (hydrocyanic acid), nitrogen products: oxides (NOx), carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral: Not toxic : LD50/oral/rat> 5000 mg/kg
Dermal: Not toxic: LD50/dermal/rabbit > 2000 mg/kg
Skin: Not irritating
Eyes: Moderate eye irritation due to effects all powders have on conjunctivae.
Sensitization: Not sensitizing.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Hydrolysis: Does not hydrolyze.
Fish: Aquatic toxicity is unlikely due to low solubility.
Algae: Aquatic toxicity is unlikely due to low solubility.
Bioaccumulation: Does not bioaccumulate.
Persistence / degradability: Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with federal, state and local regulations.
Contaminated packaging: Can be landfilled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Not regulated by DOT.

15. REGULATORY INFORMATION

ALL components of this product are on the TSCA and DSL inventories.
RCRA status: Not a hazardous waste.
Hazardous waste number: Not applicable
Reportable quantity (40 CFR 302): Not applicable
Threshold planning quantity (40 CFR 335): Not applicable
California Proposition 65 information: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains a chemical(s) known to the State of California to cause cancer: acrylamide.

HMIS&NFPA Ratings

HMIS NFPA

Health: 1 1

Flammability:	1	1
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Reactivity: 0 0