

MATERIAL SAFETY DATA SHEET

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PRODUCT: MUD OUT™ MSDS Prepared By: J. Austin Maglothlin, Ph.D.
PART NUMBER(S): K-686 Revision Date: April 3, 2010

SECTION I - GENERAL

Chemical Name & Synonym Not applicable
Trade Name & Synonyms MUD OUT™
Chemical Family Aqueous solution
Formula Trade secret

SECTION II - HAZARDOUS INGREDIENTS

Polyethylene polyamine CAS No. 68307-89-1

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C) 100°C
Vapor Pressure (MM Hg @ 20°C) 18
Vapor Density (Air = 1) 1.00
Specific Gravity (H₂O = 1) 1.006
% Volatile by Volume Not applicable
Evaporation Rate (H₂O = 1) 1.00
Solubility in Water Miscible
Appearance and Odor Green, clear odorless fluid
Others

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits (%)
- LEL Not applicable
- UEL Not applicable
Flash Point (Method Used) Non-combustible
Extinguishing Media Use any appropriate for surrounding fire
Special Fire Fighting Procedures None
Unusual Fire & Explosion Hazards None

SECTION V - HEALTH HAZARD DATA

Route of Entry Ingestion, skin contact, eye contact
Carcinogenic Assessment Not listed
Threshold Limit Value Not applicable
Effects of Overexposure Ingestion: Possible irritant
Skin contact: Possible irritant
Eye contact: Possible irritant
Emergency & First Aid Procedures Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get medical attention.
Skin contact: Wash with soap and water.
Eye contact: Flush with water for 15 minutes. If irritation persists, get medical attention.

SECTION VI - REACTIVITY DATA

Stability Stable
Incompatibility (Materials to Avoid) Materials incompatible with water
Hazardous Decomposition Products None identified
Hazardous Polymerization Will not occur

SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled Dilute with large volumes of water. Flush all affected surfaces with water.
Waste Disposal Method Dispose of in accordance with all local, state and federal regulations. Rinse empty container well before discarding in an authorized landfill.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection None required
Ventilation Normal ventilation is adequate
Protective Gloves Latex or vinyl
Eye Protection Safety glasses are recommended
Other Protective Equipment None required

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing Store in original container for up to 1 year. Keep closed when not in use. Protect from extreme heat or cold.
Other Precautions Keep out of reach of children. Read and follow label directions.
DOT Hazard Classification Not Regulated