

**MATERIAL SAFETY DATA SHEET**  
(Complies with 29 CFR 1910.1200)**SECTION I**

MAG-IT

Box 1931, Simpsonville, SC 29681-1931  
(864) 963-7034

PRODUCT NAME:	MAG-IT Cationic Polymer C440 Concentrate	HMIS RATING
PRODUCT CODE:	C440	HEALTH: 2
CHEMICAL NAME:	Sludge Dewatering Polymer	FLAMMABILITY: 0
CAS #:		REACTIVITY: 0
MIXTURE (X )		PERSONAL PROTECTION: C
SINGLE SUBSTANCE ( )		

**SECTION II****HAZARDOUS INGREDIENTS**

MATERIAL OR COMPONENT	%	HAZARD DATA
Petroleum Distillate (CAS 64742-47-8)	10 - 20%	300 ppm TLV
Adipic Acid (CAS 124-04-9)	<1%	5 ppm PEL (dried)

**SECTION III****PHYSICAL DATA**

BOILING POINT: 212°F  
SPECIFIC GRAVITY: 1.02  
SOLUBILITY IN WATER: Complete  
APPEARANCE AND ODOR: Opaque viscous liquid with a slight hydrocarbon odor

**SECTION IV****FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): 200°F SETA Flash Closed Cup  
FLAMMABILITY LIMITS: 1.3% LEL 8.1% UEL (as 100% petroleum distillate)  
EXTINGUISHING MEDIA: As indicated by the surrounding fire. Dry chemical or foam recommended.  
SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid mixing with strong alkali

**SECTION V****HEALTH HAZARDS DATA**

THRESHOLD LIMIT VALUE: 300 ppm (petroleum distillate mists)  
EFFECTS OF OVEREXPOSURE: Will cause irritation if the product gets into eyes. Prolonged skin contact will cause drying and irritation. Ingestion will cause severe damage to mucous membranes.

EMERGENCY FIRST AID PROCEDURES: Flush affected areas with water for 15 minutes. If irritation persists, consult a physician. Do not induce vomiting. If ingestion occurs consult a physician immediately.

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**SECTION VI**  
**REACTIVITY DATA**

STABILITY: STABLE: X UNSTABLE:  
CONDITIONS TO AVOID: None  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkali.  
HAZARDOUS DECOMPOSITION PRODUCTS: None Known  
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: X

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**SECTION VII**  
**SPILL OR LEAK PROCEDURES**

SPILL RESPONSE PROCEDURES: Small spills may be flushed with a large volume of water into the sewer system. Larger spills should be diked and collected in a suitable container for disposal in accordance with appropriate regulations. Spills large and small will make floor surfaces very slippery.

WASTE DISPOSAL METHOD: Collect in a suitable container and dispose of in accordance with local, state and federal regulations. Small spills may be absorbed on an appropriate media and disposed of in a landfill.

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**SECTION VIII**  
**SPECIAL PROTECTION INFORMATION**

EYE PROTECTION: Glasses, goggles or face shield  
RESPIRATORY PROTECTION: Recommended in unventilated areas.  
SKIN PROTECTION: Rubber gloves  
OTHER PROTECTION: None  
VENTILATION RECOMMENDATION: Do not use in closed, unventilated spaces.

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**SECTION IX**  
**SPECIAL PRECAUTIONS**

HYGIENE PRACTICES IN HANDLING AND STORAGE: Inside storage that is dry and well ventilated. No unusual handling practices are required.

OTHER PRECAUTIONS: None

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**SECTION X**  
**PREPARER AND DISCLAIMER**

The information and recommendations contained herein are to the best of MAG-IT's knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use of this product is beyond the control of MAG-IT, no guarantee, expressed or implied, is made by MAG-IT.

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