

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

MAG-IT

Box 1931, Simpsonville, SC 29681-1931
(864) 963-7034PRODUCT NAME: MAG-IT I-893
PRODUCT CODE:
CHEMICAL NAME: Mixture
CAS #: N/A
MIXTURE (X)
SINGLE SUBSTANCE ()HMIS RATING
HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 2
PERSONAL PROTECTION: C**SECTION II****HAZARDOUS INGREDIENTS**

MATERIAL OR COMPONENT	%	HAZARD DATA
Sodium Nitrite (UN 1500) (CAS # 7362-00-0)	<50%	

SECTION III**PHYSICAL DATA**BOILING POINT: 230 °F
SPECIFIC GRAVITY: 1.270
VAPOR PRESSURE: N/A
PERCENT VOLATILE BY VOLUME: 50%
VAPOR DENSITY: N/A
EVAPORATION RATE (H₂O = 1): 1
SOLUBILITY IN WATER: Complete
APPEARANCE AND ODOR: Clear light blue liquid with a mild odor
pH AS RECEIVED: 8 to 12**SECTION IV****FIRE AND EXPLOSION HAZARD DATA**FLASH POINT (METHOD USED): Not Flammable
FLAMMABILITY LIMITS: LEL UEL
EXTINGUISHING MEDIA: As indicated by the surrounding fire
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None**SECTION V****HEALTH HAZARDS DATA**

THRESHOLD LIMIT VALUE: None

EFFECTS OF OVEREXPOSURE: May cause irritation if the product gets into eyes or mucous membranes. May be toxic if ingested.

EMERGENCY FIRST AID PROCEDURES: Flush affected areas with water for 15 minutes. If irritation persists, consult a physician.

U.S EPA regulations ban the use of alkali metal nitrites in metal working fluids which contain amines.
(40 CFR 721.4740)

SECTION VI
REACTIVITY DATA

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

SECTION VII
SPILL OR LEAK PROCEDURES

SPILL RESPONSE PROCEDURES: Small spills may be flushed to 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. Releases into surface waters may cause conspicuous foaming.

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.

SECTION VIII
SPECIAL PROTECTION INFORMATION

EYE PROTECTION: Glasses, goggles or face shield
RESPIRATORY PROTECTION: None
SKIN PROTECTION: Rubber gloves should be worn to prevent skin drying
OTHER PROTECTION: Splash resistant apron recommended
VENTILATION RECOMMENDATION: None

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: Store away from reducing agents, acids, oxidizers and combustible materials.

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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DATE: 1 July 1997

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