



May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Brandt Reaction® MKS

Date Prepared: Jan 29, 2009
Date Revised: Apr 07, 2015

SECTION I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address		Emergency Number
Brandt Consolidated, Inc. 2935 South Koke Mill Road Springfield, IL 62711 United States	1-217-547-5800	CHEMTREC (24 hours): USA, Canadá, Puerto Rico 1-800-424-3900 Virgin Islands 1-800-424-3900+1 International Maritime (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

PRODUCT INFORMATION	
Chemical Name:	Potassium Magnesium Sulfate
Chemical Family:	Inorganic salt
Formula:	NA
NFPA/HMIS:	Health -1, Fire-0, Reactivity-0

Hazardous Components	CAS	%	OSHA PEL	ACGIH TLV	TWA
Potassium Magnesium Sulfate	14977-37-8	20.00	None	None	None
			None	None	None

Non-Hazardous Components-	CAS	%	ACGIH TLV	OSHA PEL
Proprietary Surfactant		80.00		

SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	C°	Specific Gravity (H ₂ O = 1):	1.19-1.23
Vapor Pressure (mm Hg.):	mm	Melting Point:	
Vapor Density (Air = 1):	@ 20°C	Evaporation Rate (Butyl Acetate = 1):	
pH	pH: 2.68-3.04	Solubility in Water:	
Appearance and Odor:	Light Green Clear liquid and sour		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NA	Flammable Limits: NA	LEL	UEL
Extinguishing Media	Not applicable		
Special Fire Fighting Procedures:	Not applicable		
Unusual Fire and Explosion:	Not applicable		
Autoignition Temperature	Not applicable		

SECTION V REACTIVITY DATA

Stability	Unstable	Stable	x
Incompatibility (Materials to Avoid)	None known		
Hazardous decomposition or by-products	Mildly corrosive		
Hazardous Polymerization	Will Occur	Will not Occur	x
Conditions to Avoid: Keep out of Reach of Children, Avoid contact with eyes			

SECTION VI HEALTH HAZARD DATA

Route(s) of Entry
Inhalation: No information
Skin Contact: Remove any contaminated clothing, wash exposed area thoroughly with soap or mild detergent and copious amounts of running water.

Skin Absorption: No information
Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do not induce Vomiting. If conscious, allow the victim to rinse his/her mouth, then drink 2-4 cups of water or milk and seek medical advice.
Eye Contact: Check for and remove any contact lenses. Immediately flush eyes thoroughly with copious amounts of running water, holding eyelids open, for at least 15 minutes. If discomfort or irritation persists, seek medical attention

Health Hazards (Acute and Chronic) None known

Carcinogenicity	NIP No	IARC Monographs No	OSHA Regulated No
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Signs and Symptoms of Exposure :

Medical Conditions Generally aggravated by Exposure: Hemochromatosis

Emergency and first aid procedures: Follow outline above per point of contact and see physician if irritation persists.

Note to Physician: None

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Flush with large volumes of water

WASTE DISPOSAL METHOD: Safe to wash into waste systems

SECTION VIII CONTROL MEASURES

Respiratory Protection (Specific Type): None required where appropriate ventilation condition exists			
Ventilation:	Local Exhaust: Recommended	Special:	
	Mechanical(General): None	Other:	
Protective Gloves:	Rubber or Neoprene	Eye Protection:	Safety Goggles
Other Protective Clothing or Equipment:	Protective apron		
Work/Hygienic Practices:	Use Good Housekeeping Practices.		

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: Avoid contact with skin, eyes or clothing. Do not ingest. Avoid inhalation of mists.
 OTHER HANDLING AND STORAGE REQUIREMENTS: Keep lid tightly closed. Store in a dry area, above freezing and below 105°F, out of direct sunlight and away from strong alkalis. Keep out of reach of children

SECTION X TRANSPORTATION

D.O.T REGULATED	YES		NO	X
OTHER SHIPPING DESCRIPTION				

ADDRESS: Brandt Consolidated, Inc.
 2935 South Koke Mill Road
 Springfield, IL 62711
 United States

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