

Spec-O-Lith

SpecChem
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SECTION I		PRODUCT IDENTIFICATION		
Trade Name	Spec-O-Lith			
Chemical Family				
NFPA Ratings (Hazard ID)	Health – 3	Fire – 0	Reactivity - 0	
HMIS Ratings (Hazard ID)	Health – 3	Fire – 0	Reactivity - 0	
WARNING! Irritant to skin, eyes. May be fatal if ingested or overexposed. Harmful to lungs, central nervous system, mucous membrane, possibly blood, kidneys, liver and reproductive system. Spill may create slipping hazard.				

SECTION II		INGREDIENTS, LIMITS AND TOXICOLOGICAL INFORMATION		
INGREDIENT	<i>Magnesium Hexafluorosilicate</i>			
CAS#	16949-65-8			
ACGIH TLV/TWA				
ACGIH TLV/STEL				
LD50, Oral				
LD50, Dermal				
LD50, Inhalation				
PCT by weight	10-25%			

SECTION III		PHYSICAL DATA	
Physical State	Liquid	Specific Gravity	undetermined
Appearance	According to product specification	VOC, Calculated	0 g/L
Odor	Characteristic	pH	undetermined
Boiling Range	100°C (212°F)	Freezing Point	undetermined
Vapor Pressure	23.0 hPa at 20°C (68°F)	Water Solubility	Fully miscible

SECTION IV		FIRE & EXPLOSION HAZARD DATA	
Lowest closed cup flashpoint	N/A		
OSHA flammability classification	N/A		
Lower flammable limit in air	N/A		
Flash points	N/A		
Mechanical impact explosion	N/A		
Static electricity explosion	N/A		
Extinguishing media	CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.		
UNUSUAL FIRE & EXPLOSION HAZARDS: NONE			
SPECIAL FIRE FIGHTING PROCEDURES: BECAUSE FIRE MAY PRODUCE THERMAL DECOMPOSITION PRODUCTS, WEAR A SELF CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE-DEMAND OR POSITIVE PRESSURE MODE.			

SECTION V	HEALTH HAZARD DATA - Effects of overexposure – primary routes of entry		
Primary Routes of Entry	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Skin	<input checked="" type="checkbox"/> Ingestion
Inhalation: In case of irregular breathing or respiratory arrest, provide artificial respiration, in case of unconsciousness, place patient stably in side position for transportation.			
Ingestion: Do not induce vomiting. Seek medical treatment.			
Medical conditions that may be aggravated by exposure to this product: May cause skin & eye irritation.			
Emergency & First Aid procedures: After skin contact, immediately wash with soap & water & rinse thoroughly.			
Other health hazards: If contact with eye occurs, rinse open eye for several minutes with running water.			

SECTION VI	REACTIVITY DATA
Stability: Material is stable	
Conditions to avoid: None known	
Incompatibility (material to avoid) : No dangerous reactions known	
Hazardous decomposition products: No dangerous decomposition products known	

SECTION VII	SPILL OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled: Immediately remove any clothing soiled by the product. Wear protective equipment. Keep unprotected persons away.	
Waste disposal method: Dilute with plenty of water. Inform respective authorities in case of seepage into water course or sewage system. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to local, state & federal regulations.	

SECTION VIII	SPECIAL PROTECTION INFORMATION
Respiratory Protection: Not required	
Ventilation: Use with adequate ventilation	
Protective gloves: The glove material has to be impermeable and resistant to the substance.	
Eye protection: Wear eye protection to avoid eye contact.	
Other protective equipment: None required	

SECTION IX	SPECIAL PRECAUTIONS
Precautions to be taken in handling & storage: No special requirements	
Other precautions: No special requirements	

SECTION X	SARA TITLE III INFORMATION			
<i>This product contains the following substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:</i>				
				N/A <input checked="" type="checkbox"/>
NAME				
CAS#				
PC. WEIGHT				

SECTION XI	D.O.T. REGULATIONS (TRANSPORTATION)
Hazard class	6.1
ID number	UN3287
Packing group	III
Proper shipping name	TOXIC LIQUID, INORGANIC, N.O.S. (magnesium hexafluorosilicate)
Label	6.1
US Domestic Ground Shipments	Limited quantity applies for inner packages 1 gallon or smaller
US Domestic Ground Shipments non-bulk (in containers 119 gallons or less)	Same as listed for standard shipments above.
Cross Border Transport (ADR/RID)	
ADR/RID Class	6.1 Toxic substances
Danger Code (Kemler)	60
UN Number	3287
Packing Group	III
Description	TOXIC LIQUID, INORGANIC, N.O.S. (magnesium hexafluorosilicate)
Marine Transport (IMDG)	
IMDG Class	6.1
UN Number	3287
Label	6.1
Packing Group	III
EMS Number	F=A, S-A
Marine Pollutant	No
Proper Shipping Name	TOXIC LIQUID, INORGANIC, N.O.S. (magnesium hexafluorosilicate)
Air Transport (ICAO-TI and IATA-DGR)	
ICAO/IATA Class	6.1
UN Number	3287
Label	6.1
Packing Group	III
Proper Shipping Name	TOXIC LIQUID, INORGANIC, N.O.S. (magnesium hexafluorosilicate)

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