

SpecTru Systems

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MATERIAL SAFETY DATA SHEET**SECTION I / IDENTIFICATION OF MATERIAL**

PRODUCT NAME	TruShine – Lithium Densifier		
USE	Concrete hardener/densifier	CHEMICAL FAMILY	Silicate

SECTION II / HAZARDOUS INGREDIENTS

COMPONENT	CAS #	%	TVL(ACGIH)	PEL(OSHA)
Silicic acid, lithium salt; lithium silicate	12627-14-4	10-20%	Not Established	Not Established

SECTION III / PHYSICAL DATA

APPEARANCE & ODOR	Clear to slightly hazy with very mild to no odor		
MELTING POINT (°C)	N/A	BOILING POINT (°C)	N/A
DENSITY (g/ml)	N/A	SPECIFIC GRAVITY	1.092
% WATER	0	VOC grams/liter	0
VAPOR PRESSURE (mm Hg)	N/A	VISCOSITY	N/A
SOLUBILITY IN WATER	POSITIVE	PH	11.5 – 12.5

SECTION IV / FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT	N/A	METHOD	N/A	FLAMMABLE LIMITS	LEL	N/A	UEL	N/A
EXTINGUISHING MEDIA	Water Fog, Foam Mist, CO 2, Dry Chemical							
SPECIAL FIREFIGHTING PROCEDURES	WEAR SELF-CONTAINING BREATHING APPARATUS.							
UNUSUAL FIRE AND EXPLOSION HAZARDS	N/A							

SECTION V / REACTIVITY DATA

STABILITY (CHECK ONE)	UNSTABLE		STABLE	X
CONDITIONS TO AVOID	NONE			
INCOMPATIBILITY	Gels and generates heat when mixed with acid. Absorbs carbon dioxide on exposure to air. May react with ammonium salts resulting in evolution of ammonia gas.			
ENVIRONMENTAL FATE	The high pH of this material may be acutely harmful to aquatic life. It does not contribute to BOD.			

SECTION VI / HEALTH HAZARD DATA

EFFECTS OF EXPOSURE	DERMAL	Causes moderate irritation to the skin.						
	EYE	Causes moderate irritation to the eyes.						
	INHALATION	Spray mist irritating to respiratory tract. Remove to fresh air.						
	INGESTION	May cause irritation to mouth, esophagus, and stomach.						
EMERGENCY FIRST AID	DERMAL	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention.						
	EYE	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.						
	INHALATION	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.						
	INGESTION	If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.						
CARCINOGENICITY	IARC	NO	OSHA	NO	NTP	NO		
TOXICITY	EYE	N/A	ORAL	N/A	INHALATION	N/A	DERMAL	N/A
OTHER	The high pH of this material may be acutely harmful to aquatic life. It does not contribute to BOD.							

SECTION VII / SPILL PROCEDURES AND HANDLING REQUIREMENTS

SPILL AND LEAK PROCEDURES	WEAR PROTECTIVE CLOTHING. STOP LEAK, AND CONTAIN SPILL.
WASTE DISPOSAL PROCEDURES	DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. Disposed material is not a hazardous waste.
HANDLING AND STORAGE PRECAUTIONS	HANDLE WITH ACCEPTED PRACTICES FOR LIQUID DRUMS.
SPECIAL PRECAUTIONS	N/A

SECTION VII / SPECIAL PROTECTION INFORMATION

RESPIRATORY	Use a NIOSH-approved dust and mist respirator where spray mist occurs. Observe OSHA regulations for respirator use (29 C.F.R. §1910.134)
SKIN	Wear body-covering protective clothing and gloves.
EYE	SAFETY GLASSES RECOMMENDED
VENTILLATION	LOCAL EXHAUST RECOMMENDED
OTHER	CLEAN , LONG LEGGED. LONG SLEEVED CLOTHING

SECTION IX / TRANSPORTATION INFORMATION

TSCA STATUS	N/A	DOT SHIPPING INFORMATION	Non Regulated			
HMIS/NFP RATINGS	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0
OTHER						

N/A = NOT APPLICABLE N/D = NOT DETECTED

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