

SDS

MATERIAL: **ZIRCON LIQUID HEAT**

PRODUCT#: ZLH

DATE: September 11, 2017

According to OSHA Hazard Communication Standard 29, CFR 1910.1200

1. MATERIAL AND COMPANY IDENTIFICATION

PRODUCT: **LIQUID HEAT**
RECOMMENDED USE: Deicer
PRODUCER:

Zircon Industries, Inc.
4920 Commerce Pkwy
Warrensville, Ohio 44128
Phone: 1-800-547-4328
EMERGENCY: 800-535-5053

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW



WARNING! IRRITANT
MAY CAUSE IRRITATION TO SKIN AND EYES!
CLEAN UP SPILLS IMMEDIATELY. MAY MAKE SURFACES SLIPPERY!
STORE IN A COOL DRY PLACE! KEEP CONTAINER CLOSED!

HEALTH HAZARDS:

Inhalation: May cause irritation to respiratory system
Skin Contact: May cause irritation
Eye Contact: May cause irritation
Ingestion: May cause irritation of mouth, throat, esophagus and stomach

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#
Diethylene glycol	111-46-6

ADDITIVES: Trade secret.

All ingredients are non-hazardous and non-regulated by OSHA and WHMIS.

4. FIRST-AID MEASURES

Skin Contact: Wash affected area with soap and water. Remove contaminated clothing.
Eye Contact: Flush eyes with clean water for 15 minutes. Washing eyes within 1 minute after exposure is critical.
Ingestion: Rinse mouth. **DO NOT INDUCE VOMITING.** Give large quantities of water. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Material is not flammable. Cool drum with water.
Specific hazards in case of fire: None
Special protective equipment and precaution for fire fighter: SCBA and protective clothing.
Flash Point: NA
Explosion/Flammability: NA
Limits in air: NA
Auto ignition temperature: NA

6. ACCIDENTAL RELEASE MEASURES

Observe all relevant local and international regulations.
Clean Up Methods: Clean up spill and place in closeable container for proper disposal.
Prevent from entering potable or natural water systems.
Additional Information: May make surface slippery.

7. HANDLING AND STORAGE

Precautions for safe handling: Store in a cool dry place. Keep containers closed.
Conditions for safe storage, including incompatibilities: NA

8. EXPOSURE CONTROLS:

Exposure Limits:

MATERIAL	OSHA		ACGIH	
	PEL	TWA	TWA	STE

Ventilation: Local exhaust
Respiratory protection: NA
Eye protection: Splash protection
Skin protection: Gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Red

Odor: None
pH value : NA
Melting point: NA
Freezing point: NA
Boiling point: unknown
Flash point: NA
Evaporation rate: NA
Relative density: 1.20-1.22
Solubility: Complete in water

10. STABILITY AND REACTIVITY

Chemical stability: Stable
Possibility of hazardous reactions: NA
Conditions to avoid: Store in a cool dry place.
Materials to avoid: NA
Hazardous decomposition products: NA

11. TOXICOLOGICAL INFORMATION:

Acute Toxicity - Skin and eye irritant

TEST	RESULTS	BASIS
Oral Toxicity	Not tested	
Dermal Toxicity	Not tested	
Inhalation	Not tested	
Eye irritation	Not tested	

12. ECOLOGICAL INFORMATION

Persistence and degradability: Not tested
Bio-accumulative potential: Not tested
Mobility: Not tested
Aquatic Toxicity: Not tested

13. DISPOSAL CONSIDERATIONS:

Waste Disposal: Contain spill. Cover with absorbent material. Dispose of in waste drum.
Container Disposal: Recycle container when possible.
Local Legislation: Disposal should be in accordance with applicable regional, National, local laws, and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14. TRANSPORT INFORMATION:

UN proper shipping name: Not Dot Regulated

15. REGULATORY INFORMATION:

SARA (311/312) Hazard Categories: Acute health hazard due to skin and eye irritation.
SARA 313: No
Clean Water Act: No
California Proposition 65: No

16. OTHER INFORMATION:

HMIS/NFPA Rating (Health, Fire, Reactivity)

Health	1
Fire	0
Reactivity	0
PPE	B

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is intended as guidance for safe handling, use, processing, storage, transportation, accidental release, clean-up and disposal and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Reviewed: September 11, 2017



ZIRCON INDUSTRIES, INC.

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