

**MATERIAL SAFETY DATA SHEET**

**DISTRIBUTOR:**

**Lange-Stegmann Company  
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St. Louis, MO 63147  
Phone: 314-236-4113**

**SECTION I - PRODUCT IDENTITY AND MANUFACTURING INFORMATION**

**PRODUCT: Road Salt**

**PRODUCT CODE: BULKNACL**

**DATE PREPARED: May 2001**

**Revised : May 2013**

**SECTION II - INGREDIENTS AND IDENTITY INFORMATION**

	<u>PEL</u>	<u>TLV</u>
<b>INGREDIENTS:</b>		
Sodium Chloride	15mg/m <sup>3</sup> *	10mg/m <sup>3</sup> *
CAS# 7647-14-5		
	* as nuisance dust	

**SECTION III - PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point 760mm/Hg: 1413° C.	Specific Gravity (H <sub>2</sub> O=1): 2.165
Vapor Density (Air=1): NA	% Volatiles by volume: 0
Appearance and Odor: White to blue crystalline granule; odorless.	Octanol/Partition COEF: NA
pH: Approximately 7.0	Freezing Point: NA
Evaporation Rate (Butyl Acetate=1): NA	Solubility in H <sub>2</sub> O: 1g in 2.8ml@25° C
Vapor Pressure: 1mm@865° C	

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Closed Cup) Range: NA  
Explosion Limit (%): Lower: NA Upper: NA  
Auto Ignition Temperature: NA  
Flammable limits in Air, % by volume: NA  
Extinguishing Media: Use media needed to control surrounding fire.  
Special Fire Fighting Procedures: NA

**SECTION V - HEALTH HAZARD INFORMATION**

Acute Oral LD50: NA  
Acute Dermal LD50: NA  
Primary Dermal Irritation: Contact may cause skin irritation.  
Primary Eye Irritation: Contact may cause eye irritation.  
Inhalation 4 hr. LC50: NA  
Chronic Effects: None found.  
**Emergency and First Aid Procedures:**  
EYES: Wash thoroughly with running water for at least 15 minutes.  
SKIN: Wash with soap and water thoroughly. If irritation persists, seek medical attention.  
INHALATION: Contact medical personnel if symptoms occur.  
INGESTION: NA

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**SECTION VI - REACTIVITY DATA**

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**Material Reacts Violently With:** NA

**Hazardous Decomposition Products:** When heated emits toxic fumes of Cl<sub>2</sub> and Na<sub>2</sub>O.

**Incompatibility:** Avoid Bromine Trifluoride and Lithium.

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**SECTION VII - SPECIAL PROTECTION INFORMATION**

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Protective equipment should be used in the manufacture or formulation of this product, including the following:

**RESPIRATORY PROTECTION:** Where exposure limits are exceeded, wear a suitable respirator, (MSHA/NIOSH approved or equivalent).

**VENTILATION:** Work area must have adequate ventilation to limit exposure to this product.

**PROTECTIVE CLOTHING:** Rubber gloves, long-sleeved shirt, shoes and socks.

**EYE PROTECTION:** Goggles or glasses.

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**SECTION VIII - SPILL OR LEAK PROCEDURES**

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Steps to be taken in case material is released or spilled. 1) Contain spill. 2) Collect into clean container and mark properly. 3) Recovered product may be applied per label instructions.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**STATEMENT OF PRACTICAL TREATMENT:**

In case of contact, wash skin with plenty of soap and water; for eyes, flush with water for 15 minutes and obtain medical attention.

Do not inhale dust. Do not allow contact with eyes. Wash hands thoroughly after handling.

**STORAGE AND DISPOSAL STATEMENTS:**

**STORAGE:** Store in dry facility or under tarp.

**PRODUCT DISPOSAL:** Dispose of product according to Federal, State and Local regulations.

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**SUMMARY:** The information and statements in these Material Safety Data Sheets are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable, depending on particular, exceptional, or variable conditions or circumstances of use, or storage, or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you, and must make independent determinations of the suitability of the information for your particular circumstances, or conditions, and of the completeness of the information available from all sources, to assure both the proper use of the material described herein and the safety and health of employees.