

**MATERIAL SAFETY  
DATA SHEET**

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**24-HOUR EMERGENCY TELEPHONE: CHEMTREC 1-800-424-9300**

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PRODUCT NAME: **LZO-7600** **NSF Certified**  
LATEST REVISION: 11/10 PREPARED BY: DBG  
**MUL for NSF applications: 20 mg/liter**

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**SECTION I - PRODUCT IDENTIFICATION**  
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CHEMICAL NAME AND SYNONYMS: Inorganic phosphate & Zinc Salt  
Corrosion Inhibitor  
CHEMICAL FAMILY: Inorganic Salts  
FORMULA: Mixture

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**SECTION II - HAZARDOUS COMPONENTS**  
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INGREDIENT	CAS #	PERCENT
Zinc sulfate	7733-10-0	<70%
orthophosphoric acid	7664-38-2	<15%

OTHER INGREDIENTS NOT PRECISELY IDENTIFIED ARE PROPRIETARY OR NON-HAZARDOUS. ALL INGREDIENTS APPEAR ON THE EPA TSCA INVENTORY. VALUES ARE NOT PRODUCT SPECIFICATIONS.

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**SECTION III - PHYSICAL DATA**  
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INITIAL BOILING POINT (F): 220 SPECIFIC GRAVITY: 1.27  
VAPOR PRESSURE: similar to water % VOLATILE BY VOLUME: ND  
VAPOR DENSITY (AIR=1): ND EVAPORATION RATE: NA  
SOLUBILITY IN WATER: Soluble.  
APPEARANCE AND ODOR: water-white liquid

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**SECTION IV - FIRE AND EXPLOSION DATA**  
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FLASH POINT: none  
EXPLOSIVE LIMIT: NA  
EXTINGUISHING MEDIA: Media appropriate to base cause of fire  
HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition, may emit highly toxic fumes of PO<sub>x</sub>.  
SPECIAL FIREFIGHTING PROCEDURES: Not applicable

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**SECTION V - HEALTH HAZARD DATA**  
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EFFECTS OF OVEREXPOSURE:  
BREATHING: Unknown.  
EYES: May cause severe irritation upon contact unless immediately rinsed.  
SKIN: Severe irritation upon contact.  
SWALLOWING: Severe irritation.

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**SECTION V - HEALTH HAZARD DATA (CONTINUED)**

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**FIRST AID:**

IF ON SKIN: Wash affected area with soap and large amount of water. Consult a physician if irritation persists.

IF IN EYES: Flush with plenty of water for 15 minutes. Consult a physician if irritation persists.

IF SWALLOWED: Consult a physician immediately.

IF BREATHED: If inhalation problem occurs remove victim to fresh air.

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**SECTION VI - REACTIVITY DATA**

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HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID: No specific data

STABILITY: Stable.

INCOMPATIBILITY: alkali

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Sweep up or flush area with large amounts of water. Contain spills to prevent contamination of surface and groundwater supplies. Dispose of in landfill in accordance with federal, state, and local regulations.

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**SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED**

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RESPIRATORY PROTECTION: Paper dust mask should be used to prevent prolonged inhalation of dust.

VENTILATION: Local.

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Safety goggles, or glasses with side shields

OTHER PROTECTIVE EQUIPMENT: None.

HANDLING PRECAUTIONS: Avoid skin contact. Spills should be dealt with immediately.

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**SECTION IX - TRANSPORTATION INFORMATION**

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TRANSPORTATION INCIDENT INFORMATION: FOR FURTHER INFORMATION RELATIVE TO SPILLS RESULTING FROM TRANSPORTATION INCIDENTS, REFER TO LATEST DEPARTMENT OF TRANSPORTATION EMERGENCY RESPONSE GUIDEBOOK FOR HAZARDOUS MATERIALS INCIDENTS, DOT P 5800.3.

DOT IDENT. NUMBER: corrosive liquid, nos, 8, UN3264, PGII  
(contains phosphoric acid & zinc sulfate)

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**THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN.**