



MATERIAL SAFETY DATA SHEET #1011

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SUPERSEDES: 3/30/00

I. PRODUCT IDENTIFICATION

Product: LESCO 0-0-62 **Chemical Family:** Neutral Salt of Alkali Metal
Chemical Name/Synonyms: Muriate of Potash, KCl, Potassium Muriate

II. PRODUCT INFORMATION: INGREDIENTS

Chemical Name	TLV/TWA	%(by wt.)	CAS#
Potassium chloride (KCl)	10 mg/M ³	98.6-98.9	7447-40-7
Sodium chloride (NaCl)	10 mg/M ³	0.8-1.25	7647-14-5

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point:	2732° F(Sublimes)	Specific Gravity (water=1):	1.988
Melting Point:	1423° F	Bulk Density (lbs./cu. ft.):	ND
Vapor Pressure (mm Hg):	NA	Evaporation Rate:	NA
Vapor Density (air = 1):	NA	Percent Volatile:	NA
Solubility in Water:	25% by weight, 276 gpl @ 0° C	Appearance and Odor:	Odorless, white crystalline or granulated solid with a strong saline taste
pH:	5.4-8.6 @ 5% solution		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method Used):	NA	Auto Ignition Temperature:	NA
Lower Explosion Limits:	NA	Upper Explosion Limits:	NA
NFPA/HMIS RATING:	HEALTH	FIRE	REACTIVITY
	2	0	0

Extinguishing Media: Appropriate in surrounding fire.

Special Fire-Fighting Procedures: Wear approved self-contained breathing apparatus and full protective clothing. Dike to prevent runoff from entering drains, sewers or bodies of water.

Unusual Fire and Explosion Hazards: No acute hazard. Not an explosion hazard. Avoid breathing vapors or dusts.

V. HEALTH HAZARDS

Primary Route(s) of Entry: Eyes, dermal, inhalation, ingestion.

Signs & Symptoms of Exposure

Acute: Dust may be irritating to mucous membranes. May cause skin and eye irritation with a stinging sensation. May cause gastrointestinal irritation with nausea, vomiting, epigastric distress, abdominal discomfort and diarrhea.

Chronic: None known.

Emergency First-Aid Procedures

Eyes: Wash thoroughly for 15 minutes with copious amounts of running water. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and wash skin with water and mild detergent and copious amounts of running water. Get medical attention if irritation persists.

Inhalation: Remove from exposure area to fresh air.

Ingestion: Drink water and consult a physician if symptoms develop.

Toxicity Information:

Oral LD₅₀: Acute (rat): 2600 mg/kg

Eye Irritation: Mild

Skin Irritation: Mild

Positive Teratogen or Mutagen Carcinogen(NTP): No

Potential Carcinogen (IARC or OSHA): No

VI. REACTIVITY**Stability:** Stable Unstable**Conditions to Avoid:** None known.**Incompatibility:** Avoid contact with strong acids. Mildly corrosive to metals in presence of moisture.**Hazardous Decomposition Products:** Thermal decomposition products may include toxic and corrosive fumes of chlorides.**Hazardous Polymerization:** Will not occur Will occur

Not reported under normal temperatures and pressures.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES**If material is spilled:** Prevent large quantities from contact with waterways or vegetation. If uncontaminated, recover and reuse as product. remaining residue can be thoroughly diluted with large volume of water.**Waste Disposal Method:** Dispose according to Federal EPA procedures as outlined in the Resource Conservation Recovery act (RCRA) and follow state and local guidelines.**VIII. SPECIAL PROTECTION INFORMATION****Protective Equipment Suggested for Outdoor Application:** Impervious Gloves Dust Mask Respirator (use NIOSH/MSHA approved) Impervious Boots Clean Clothing Eye Goggles / Safety Glasses**Protective Equipment Suggested for Confined Areas:** Sufficient Ventilation Respirator (use NIOSH/MSHA approved) Dust Mask Splash Goggles/Safety Glasses Eyewash Station Emergency Shower Impervious Apron**IX. STORAGE AND HANDLING****Precautions:** Store in a cool, dry place if possible. Separate from other pesticides, fertilizers, seed, feed, foodstuffs, and away from drains, sewers, and water sources.**Other Precautions:** Do not store near strong acids. Keep in original, sealed containers.**X. FEDERAL REGULATORY INFORMATION:****SARA TITLE III; SEC. 311/312 HAZARD CATEGORIES** N Immediate (acute Health)

SEC 302: NA

 N Delayed (Chronic) Health

SEC 313: NA

 N Fire

CERCLA RQ: NA

 N Sudden Release of Pressure

CAA RQ: NA

 N Reactivity

EPA Reg. No.: NA

HM 181 Shipping Name: Not Regulated

NA = Not Applicable ND = Not Determined

Preparation and distribution of this Material Safety Data Sheet done by LESCO, Inc., 15885 Sprague Road, Strongsville, OH 44136, pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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For further information, contact: LESCO, Inc., • 15885 Sprague Road • Strongsville, Ohio 44136 or (800) 321-5325.

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