

STOLLER CHEMICAL OF FLORIDA, INC.
1451 PINE GROVE ROAD
EUSTIS, FLORIDA 32726
Phone: (352) 357-3173

MATERIAL SAFETY DATA SHEET

SECTION I **PRODUCT IDENTIFICATION**

HMIS HAZARD RATINGS

HEALTH HAZARD Non-Toxic FIRE HAZARD Non-Combustible REACTIVITY Stable

SARA/TITLE III HAZARD CATEGORIES (See Section X)

Immediate (ACUTE) Health: None Reactive Hazard: None
Delayed (CHRONIC) Health: None Sudden Release of Pressure: Not applicable
Fire Hazard: None
Emergency Phone Number CHEM-TEL, INC. 1-800-255-3924
Chemical Family Metallic Oxides
Chemical Name & Synonyms: Keylate Mixture
Formula: See Section II Composition/Ingredients Information
Trade Name & Synonym: **KEYLATE SUPER STARTER 1 4-3-1**

SECTION II **COMPOSITION/INGREDIENTS INFORMATION**

A.	<u>INGREDIENTS</u>	<u>CAS. REG. NO</u>	APPROX.	<u>TLV</u>
			<u>%</u>	
	Zinc Oxide	1314-13-2	5	
	Manganese Oxide	1344-43-0	5	
	Copper Hydroxide	20427-59-2	5	

SECTION III **PHYSICAL DATA**

Appearance and Odor: Clear Green Solution. No Odor
Boiling Point: 212° F.
Specific Gravity: 1.25
Vapor Pressure: <1mm@ 68° F.
Vapor Density (Air = 1) 2.1
Evaporation Rate: 0.1
Solubility in Water: 100%

SECTION IV **FIRE AND EXPLOSION HAZARD DATA**

Flash Point: N/A
Flammable Limits: LEL: Not Established UEL: Not Established
Extinguishing Agent: None
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION V **REACTIVITY DATA**

Stability: Stable
Incompatibility: Intimate mixtures with chlorinated rubber above 216° F.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur.

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SECTION VI

A. EXPOSURE LIMITS

OSHA Permissible Exposure Limit (PEL):	Not established
Threshold Limit Value	Not established

B. EFFECTS OF OVEREXPOSURE

1. ACUTE

- a. Inhalation: None.
- b. Eyes: May irritate.
- c. Ingestion: Non-Toxic.
- d. Skin: May irritate skin.

2. CHRONIC: Not established.

C. EMERGENCY FIRST AID PROCEDURES

Inhalation – N/A.

Eyes – immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention, preferably an ophthalmologist.

Ingestion – May cause thirst, pain, nausea, vomiting and diarrhea.

Skin – Wash with soap and water. Rinse thoroughly; seek medical attention if inflammation occurs.

SECTION VII

PERSONAL PROTECTION AND CONTROLS

- A. **RESPIRATORY PROTECTION** – As required by conditions. Use an OSHA or NIOSH approved respirator if required.
- B. **VENTILATION:** General ventilation is usually adequate. Local exhaust should be used if needed, for safe, comfortable working conditions.
- C. **SKIN AND EYE PROTECTION:** Safety glasses should be worn in any type of operation. Protective gloves should be worn as good hygiene dictates.
- D. **OTHER CONTROL MEASURES:** An eye bath and washing facilities should be available. Wash thoroughly after handling. Do not smoke when handling chemicals.

SECTION VIII

SPECIAL STORAGE AND HANDLING PRECAUTIONS

Since emptied packages retain product residue, follow label warnings even after package is emptied.

SECTION IX

SPILL, LEAK AND DISPOSAL PRACTICES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED. Collect and contain for salvage or disposal. Absorb waste on inert media and dispose of as solid waste.

SECTION X

TRANSPORTATION

DOT Hazard Classification:
PREPARED: August 3, 1998

NON REGULATED, NON HAZARDOUS

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