

MT. HOOD CHEMICAL CORPORATION
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Emergency Phone: 503-227-3505

N/A = NOT APPLICABLE
NA = NOT AVAILABLE

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: SCALEX

49105

PRODUCT NAME: SCALEX PREPARED BY: K. Woods DATE: August 31, 1995

CHEMICAL FAMILY: Acid mixture FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):	%	EXPOSURE LIMITS, ppm:	ACGIH TLV	OSHA-PEL
Phosphoric acid (7664-38-2) **	Less than 25%		1	1
Hydrochloric acid (7647-01-0) **	Less than 5%		5	5

** Ingredient subject to SARA Title III, Section 313 reporting requirements if annual usage exceeds 10,000 lbs.

CARCINOGENIC INGREDIENTS: Contains no known or suspected carcinogens.

PHYSICAL PROPERTIES:

Boiling Point: About 200°F	% Volatiles: Non-volatile
Solubility in Water: 100%	% Volatile Organic Content (VOC): 0
Specific Gravity - Liquid (H ₂ O = 1): 1.17-1.18	Vapor Pressure: NA
Odor and Appearance: Clear, light yellow liquid; pungent odor	Vapor Density (Air = 1): NA
pH (undiluted): 1.0-1.5	

FIRE AND EXPLOSION DATA:

Flash Point: None	Flammability Limits: N/A
Extinguishing Media: Water, CO ₂ , foam, dry chemical	Unusual Hazards: None
Special Firefighting Procedures: Wash down any metal in contact with product with plenty of water. If large quantities are present, use self-contained breathing apparatus.	

HEALTH EFFECTS:

Effects of overexposure: Corrosive. May cause severe burns to eyes and skin. Ingestion may cause burns to mouth, throat, esophagus, and stomach. Inhalation of mist may result in mild irritation of nasal mucous membranes to severe irritation to the respiratory tract.

Chronic effects of overexposure: None known

Medical conditions that may be aggravated by exposure: None known

Primary routes of entry: Ingestion, skin contact, inhalation of mist.

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Flush thoroughly with plenty of water for at least 30 minutes or until medical attention is obtained. Get medical attention.

Skin Contact: Flush thoroughly from skin with water for at least 15 minutes. If burns are present or if irritation persists, seek medical attention.

Ingestion: Drink large quantities of water or milk and call a physician immediately. DO NOT INDUCE VOMITING. If vomiting occurs, give more water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Inhalation of mist or vapor: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get prompt medical attention.

REACTIVITY DATA:

Stability: Stable	Hazardous Polymerization: Will not occur
Incompatibility: Alkalies, chlorine bleaches, ammonia, metals	Conditions to Avoid: None
Hazardous Decomposition Products: Hydrogen chloride	

SPILL OR LEAKAGE PROCEDURES:

Steps to be taken if material is released or spilled: Prevent spread of spill by diking. Dilute with water and neutralize with lime or soda ash. Flush neutralized solution to sewer with plenty of water OR absorb neutral material on an absorbent. Place absorbed material in a closed container.

Waste disposal method: According to local, state, or federal ordinances.

SPECIAL PROTECTION INFORMATION:

Ventilation: Use with adequate ventilation.

Respiration Protection: For mist, use NIOSH approved respirator with acid gas canister.

Eye Protection: Safety goggles and/or face shield.

Protective Gloves: Impervious gloves—synthetic rubber, neoprene. Other Protective Equipment: None

SPECIAL PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Precautions to be taken in handling and storage: Store in closed container. Wash thoroughly after handling.

Other precautions: None

HAZARD RATING:	Specific Hazard: CORROSIVE		
Health:	3	0 = Minimal	3 = Serious
Fire:	0	1 = Slight	4 = Severe
Reactivity:	0	2 = Moderate	

Pg 1

49105