

K-650 - MATERIAL SAFETY DATA SHEET

SECTION 1 - Product Identification & Use

COMMON NAME:	Protocol K-650	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	K-650	Sci-Tech Inc.	
APPLICATION:	Calcium, Rust, and Lime Remover	#340 53016 Hwy 60 Acheson, AB T7X 5A7 (780) 960-1200	
WHMIS CLASSIFICATION:	D.2B		
EMERGENCY CONTACT:	CANUTEC		
EMERGENCY PHONE:	(613) 996-6666		

SECTION 2 - Hazardous Ingredients

HAZARDOUS INGREDIENTS	%	CAS/UN #	LD(50) OF INGREDIENT	LC(50) OF INGREDIENT
Organic salts	5 - 10	506-89-8	n.av.	n.av.
Alcohol ethoxylate	1 - 5	68991-48-0	Rat (Oral) 2000 mg/kg	n.av.

SECTION 3 - Physical Data

PHYSICAL STATE:	ODOUR AND APPEARANCE:	SOLUBILITY IN WATER:	ODOUR THRESHOLD:
Liquid	Mild; Colourless	100%	n.av.
SPECIFIC GRAVITY:	VAPOUR DENSITY (air=1):	VAPOUR PRESSURE:	% VOLATILE BY VOLUME:
1.0 ± 0.02	n.av.	n.av.	n.av.
BOILING POINT:	MELTING POINT:	pH:	OCTANE-WATER COEFF:
> 100 °C	< 0 °C	2.0 ± 0.5	n.av.

OTHER PERTINENT INFORMATION:

n.av.

SECTION 4 - Fire & Explosion Data

FLAMMABILITY: This product will not burn or support combustion.	FLASHPOINT (°C):	n.av.
MEANS OF EXTINCTION: Use media proper for surrounding fire.	AUTOIGNITION TEMPERATURE (°C):	n.av.
SPECIAL PROCEDURES: It is recommended that a NIOSH approved SCBA be used when either in confined areas or exposed to combustion products.	LOWER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
HAZARDOUS COMBUSTION PRODUCTS: n.av.	UPPER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
	EXPLOSION SENSITIVITY TO IMPACT:	n.av.
	SENSITIVITY TO STATIC DISCHARGE:	n.av.

SECTION 5 - Reactivity Data

CHEMICAL STABILITY: Stable under normal conditions.
INCOMPATIBLE MATERIALS: Incompatible with strong oxidizing agents.
HAZARDOUS DECOMPOSITION: May thermally decompose to produce carbon monoxide and carbon dioxide.

SECTION 6 - Toxicological Properties**INHALATION:**

May cause mild irritation of the respiratory tract.

EYE CONTACT:

May cause mild to moderate irritation as a concentrate.

SKIN CONTACT:

May cause mild to moderate irritation, especially under prolonged or repeated exposure to concentrate.

INGESTION:

May cause nausea, abdominal pain, and diarrhea if ingested in large quantities.

SECTION 7 - Preventative Measures

GLOVES: Rubber gloves to prevent drying of hands.

FOOTWEAR: Specialty footwear not required.

RESPIRATOR: Not required for normal use.

CLOTHING: Specialty clothing not required.

EYEWEAR: Chemical goggles or safety glasses required.

OTHER: Eye-wash station required.

ENGINEERING CONTROL:

Use with adequate general ventilation.

LEAK AND SPILL PROCEDURE:

For large spills, dike and salvage material. For minor spills, flush with plenty of water and mop up.

WASTE DISPOSAL:

Dilute and flush to sewer. Follow local regulations for discharge of waste effluent.

HANDLING PROCEDURES AND EQUIPMENT:

Do not ingest. Avoid contact with eyes.

STORAGE REQUIREMENTS:

Store in a cool, dry area above freezing and away from incompatibles. Keep container tightly closed when not in use. Protect from damage.

TDG CLASSIFICATION:

Not TDG Regulated.

SECTION 8 - First Aid Procedures**INHALATION:**

Remove victim to fresh air. Allow rest in a well ventilated area.

EYE CONTACT:

In case of contact with eyes, flush eyes with plenty of water.

SKIN CONTACT:

In case of contact with skin, rinse thoroughly with water.

INGESTION:

DO NOT INDUCE VOMITING. Have victim drink large amounts of water. Seek immediate medical attention.

SECTION 9 - Preparation of MSDS**PREPARED BY:**

SCI-TECH Department of Research and Development

PHONE NUMBER:

(780) 960-1200

CONSTRUCTED:

03/19/2007

RELEASED:

01/03/2011

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