



# Material Safety Data Sheet



## HMIS

Health Hazard	2
Fire Hazard	0
Reactivity	0

PPE (See Section 15)



## Section 1. Chemical Product and Company Identification

Trade Name **Alcohol Test** (*Meth Kit Alcohol Test 2*) Part # RE2001, RE2071

Manufacturer Haztech Systems, Inc.  
PO Box 929  
Mariposa, CA 95338 CAS # 7778-50-9

Commercial Name Potassium dichromate RTECS HX7680000

Synonyms Potassium dichromate TSCA TSCA8(b) inventory:  
postassium dichromate CI #

In case of emergency contact CHEMTREC  
(24 hours) at 800-424-9300

HazTech Systems, Inc. 800-543-5487

Spectrum Chemical Mfg. Corp. 310-516-8000

Chemical Formula K2Cr2O7

Supplier Spectrum Chemical Mfg. Corp.  
14422 S. San Pedro St.  
Gardena, CA 90248

## Section 2. Composition and Information on Ingredients

### Exposure Limits

Name	CAS #	TWA (mg/m3)	STEL	CEIL (mg/m3)	% by Weight
Potassium dichromate	7778-50-9	0.05			2.5%

Toxicological Data on Ingredients Potassium dichromate LD50: Not available. LC50: Not available.

## Section 3. Hazards Identification

Potential Acute Health Effects Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (corrosive, permeator). Prolonged exposure may result in skin burns and ulcerations. Over-exposure by inhalation may cause respiratory irritation. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH.  
MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.  
DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, mucous membranes.  
Repeated or prolonged exposure to the substance can produce target organs damage.

#### Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

#### Section 5. Fire and Explosion Data

Flammability	Non-flammable.
Auto-Ignition Temperature	Not available.
Flash Point	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Not applicable.
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	Not applicable.
Special Remarks on Fire Hazards	Not available.

#### Section 6. Accidental Release Measures

Small Spill	Use appropriate absorbent and put the spilled liquid in a waste disposal container.
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#### Section 7. Handling and Storage

Precautions	Avoid contact with skin and eyes Keep away from incompatibles such as reducing agents, combustible materials, organic materials.
Storage	Keep in HazCat Kit.

#### Section 8. Exposure Controls/Personal Protection

Engineering Controls	Use in a well ventilated area.
Personal Protection	Gloves and goggles.

## Section 9. Physical and Chemical Properties

Physical State and Appearance	Clear orange liquid	Volatility	Not available
Molecular Weight	Not available	Odor Threshold	Not available
pH (1% Solution in Water)	Not available	Water/Oil Dist. Coeff.	Not available
Boiling Point	Not available	Ionicity (in Water)	Not available
Melting Point	Not available	Dispersion Properties	Not available
Critical Temperature	Not available	Solubility	Soluble in cold water, hot water.
Specific Gravity	Not available	Odor	Not available
Vapor Pressure	Not available	Taste	Not available
Vapor Density	Not available	Color	Orange

## Section 10. Stability and Reactivity Data

Stability	Product is stable.	Corrosivity	Non-corrosive in presence of glass.
Instability Temperature	Not available.	Special Remarks on Corrosivity	Not available.
Conditions of Instability		Polymerization	Will not polymerize.
Incompatibility with Various Substances	Reactive with reducing agents, combustible materials, organic materials.		

## Section 11. Toxicological Information

Route of Entry	Eye contact. Inhalation. Ingestion.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Chronic Effects on Humans	CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. The substance is toxic to lungs, mucous membranes. Very hazardous in case of skin contact (irritant), of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (corrosive, permeator).
Other Toxic Effects on Humans	
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Passes through the placental barrier in animal.
Special Remarks on Other Toxic Effects on Humans	Not available.

## Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are more toxic.
Special Remarks on the Products of Biodegradation	Not available.

## Section 13. Disposal Considerations

Waste Disposal Recycle to process, if possible. Consult your local or regional authorities.

## Section 14. Transport Information

DOT Classification Not a DOT controlled material.

Identification Non-regulated.

Special Provisions for Transport Not available.

## Section 15. Other Regulatory Information and Pictograms

Federal and State Regulations Pennsylvania RTK: Potassium dichromate  
Massachusetts RTK: Potassium dichromate  
TSCA 8(b) inventory: Potassium dichromate  
SARA 313 toxic chemical notification and release reporting: Potassium dichromate  
CERCLA: Hazardous substances.: Potassium dichromate

California Proposition 65 Warnings California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Potassium dichromate

Other Regulation OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other classifications WHMIS (Canada) CLASS C: Oxidizing material. CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC) R38- Irritating to skin.  
R41- Risk of serious damage to eyes.  
R45- May cause cancer.

## Section 16. Other Information

Part Number(s) RE2001, RE2071

References Not available.

Other Special Considerations Not available.

Validated by R. Houghton 10/9/02

Verified by R. Turkington

Call 1-800-543-5487

## Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Haztech Systems, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein..