

SECTION 1 - Product Identification & Use

COMMON NAME:	Alcohol Blend	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	0994	Sci-Tech Inc.	
APPLICATION:	n.av.	#340 53016 Hwy 60	
WHMIS CLASSIFICATION:	B, D.2B	Acheson, AB T7X 5A7	
EMERGENCY CONTACT:	CANUTEC	(780) 960-1200	
EMERGENCY PHONE:	(613) 996-6666		

SECTION 2 - Hazardous Ingredients

HAZARDOUS INGREDIENTS	%	CAS/UN #	LD(50) OF INGREDIENT	LC(50) OF INGREDIENT
Methanol	40 - 70	67-56-1	n.av.	n.av.
Isopropanol	15 - 40	67-63-0	Rat (Oral) 5045 mg/kg	Rabbit 11130 mg/L/96h

SECTION 3 - Physical Data

PHYSICAL STATE:	ODOUR AND APPEARANCE:	SOLUBILITY IN WATER:	ODOUR THRESHOLD:
Liquid	Alcohol; Colourless	n.av.	n.av.
SPECIFIC GRAVITY:	VAPOUR DENSITY (air=1):	VAPOUR PRESSURE:	% VOLATILE BY VOLUME:
0.93 ± 0.02	n.av.	n.av.	n.av.
BOILING POINT:	MELTING POINT:	pH:	OCTANE-WATER COEFF:
n.av.	n.av.	7.0 ± 0.5	n.av.

OTHER PERTINENT INFORMATION:

n.av.

SECTION 4 - Fire & Explosion Data

FLAMMABILITY:	FLASHPOINT (°C):	n.av.
May ignite due to static spark, open flames, or other ignition sources.	AUTOIGNITION TEMPERATURE (°C):	n.av.
MEANS OF EXTINCTION:	LOWER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
Use alcohol foam, dry chemical or carbon dioxide. Water may be ineffective.	UPPER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
SPECIAL PROCEDURES:	EXPLOSION SENSITIVITY TO IMPACT:	n.av.
Use a positive pressure SCBA with a full face piece. Wear full protective clothing.	SENSITIVITY TO STATIC DISCHARGE:	High
HAZARDOUS COMBUSTION PRODUCTS:		
Carbon monoxide and unburned methanol		

SECTION 5 - Reactivity Data

CHEMICAL STABILITY:
Stable under normal conditions.
INCOMPATIBLE MATERIALS:
Incompatible with oxidizing agents such as nitrates, perchlorates, or sulfuric acid. Will attack some forms of plastics, rubber, and coatings. May react with aluminum and generate hydrogen gas.
HAZARDOUS DECOMPOSITION:
May thermally decompose to produce carbon monoxide and carbon dioxide.

SECTION 6 - Toxicological Properties**INHALATION:**

Vapours or mists may result in intoxication, drowsiness, stupor, narcosis and death.

EYE CONTACT:

May cause severe irritation to eyes, visual impairment, or complete blindness

SKIN CONTACT:

Defatting of the skin and/or dermatitis occurs with prolonged contact.

INGESTION:

Ingestion may cause intoxication, headache, drowsiness, vomiting, blurred vision, blindness, coma and death. Usual fatal dose is 40 mL.

SECTION 7 - Preventative Measures

GLOVES: Rubber, vinyl, or neoprene gloves required.

FOOTWEAR: Rubber boots required.

RESPIRATOR: NIOSH approved, when misted

CLOTHING: Impermeable coveralls required.

EYEWEAR: Chemical goggles or face shield required.

OTHER: Eye-wash station and shower required.

ENGINEERING CONTROL:

For use only with adequate ventilation. Maintain airborne concentrations below the exposure guidelines.

LEAK AND SPILL PROCEDURE:

Ventilate area of leak or spill. Remove all ignition sources. Absorb with an inert, non-combustible material and place in a suitable waste container. If leak or spill has not ignited, use water to disperse vapors.

WASTE DISPOSAL:

Waste should not be discharged into the sewer or water ways. Dispose of waste in accordance with local, provincial and federal regulations.

HANDLING PROCEDURES AND EQUIPMENT:

Use care and proper equipment when handling this product. All equipment should be properly grounded.

STORAGE REQUIREMENTS:

Store in totally enclosed equipment. Avoid storage with incompatible materials. No smoking or open flames in storage. Protect from damage.

TDG CLASSIFICATION:

Flammable Liquid n.o.s. (Isopropanol): Class 3, UN1993, PG II

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

Remove victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel. Immediately transport victim to an emergency care facility.

EYE CONTACT:

In case of contact with eyes, check for and remove contact lenses. Immediately flush with cold running water for at least 15 minutes. Seek medical attention immediately.

SKIN CONTACT:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing and shoes before reuse.

INGESTION:

Induce vomiting immediately as directed by medical personnel. Get medical attention immediately.

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

SCI-TECH Department of Research and Development

PHONE NUMBER:

(780) 960-1200

CONSTRUCTED:

12/13/2006

RELEASED:

01/03/2011

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