

SECTION 1 - Product Identification & Use

COMMON NAME:	Action 150 RMX3	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	0955	Sci-Tech Inc.	
APPLICATION:	Sludge and Silt Dispersant	#340 53016 Hwy 60	
WHMIS CLASSIFICATION:	B, D.1A	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	30 - 60	67-56-1	n.av.	n.av.
Proprietary mixture	1 - 5	n.av.	n.av.	n.av.
Ammonium C8-10 Alcohol	1 - 5	68891-29-2	n.av.	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:
0.94 ± 0.02	n.av.	n.av.	n.av.
BOILING POINT:	MELTING POINT:	pH:	OCTANE-WATER COEFF:
n.av.	-40 °C	7.0 ± 0.5	n.av.

OTHER PERTINENT INFORMATION:

n.av.

SECTION 4 - Fire & Explosion Data

FLAMMABILITY:	FLASHPOINT (°C):	n.av.
Combustible material	AUTOIGNITION TEMPERATURE (°C):	n.av.
MEANS OF EXTINCTION:	LOWER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
Use dry chemicals, carbon dioxide, alcohol foam, or water spray.	UPPER FLAMMABLE LIMIT (% BY VOLUME):	n.av.
SPECIAL PROCEDURES:	EXPLOSION SENSITIVITY TO IMPACT:	n.av.
It is recommended that a NIOSH approved SCBA be used when either in confined areas or exposed to combustion products.	SENSITIVITY TO STATIC DISCHARGE:	n.av.
HAZARDOUS COMBUSTION PRODUCTS:		
Carbon monoxide and unburned methanol		

SECTION 5 - Reactivity Data

CHEMICAL STABILITY:
Stable under normal conditions.
INCOMPATIBLE MATERIALS:
Incompatible with acids, bases, and strong oxidizing materials.
HAZARDOUS DECOMPOSITION:
Thermally degrades, producing toxic gases and vapours.

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. Skin absorption can occur; symptoms may parallel inhalation exposure.

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: Impermeable gloves required.

FOOTWEAR: Regular safety boots required.

RESPIRATOR: NIOSH approved in poorly ventilated areas.

CLOTHING: Rubber, vinyl, or neoprene aprons and coveralls required.

EYEWEAR: Chemical goggles or face shield required.

OTHER: Eye-wash station and shower required.

ENGINEERING CONTROL:

For use only in well ventilated areas that meet TLV requirements.

LEAK AND SPILL PROCEDURE:

Eliminate ignition sources. Contain and collect for recycling. Use non-combustible sorbent. Collect liquid with explosion proof pumps. Prevent from entering sewers, drains, and waterways.

WASTE DISPOSAL:

Dispose of in a suitable container according to all local, provincial and federal regulations.

HANDLING PROCEDURES AND EQUIPMENT:

Use explosion-proof electrical equipment when transferring. Ensure proper electrical grounding procedures are in place.

STORAGE REQUIREMENTS:

Store in a well ventilated area. Keep away from all sources of ignition. Keep container tightly closed when not in use. Protect from damage.

TDG CLASSIFICATION:

Flammable liquid, toxic .n.o.s. (Methanol): Class 3 (6.1), UN1992, 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 only if victim is conscious. Drink milk, water, or 4% sodium bicarbonate. If victim is unconscious, perform mouth to mouth resuscitation. Seek immediate medical attention.

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

SCI-TECH Department of Research and Development

PHONE NUMBER:

(780) 960-1200

CONSTRUCTED:

11/02/2009

RELEASED:

01/03/2011

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