

SECTION 1 - Product Identification & Use

COMMON NAME:	Flowtek 150	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	0915	Sci-Tech Inc.	
APPLICATION:	Foamer / HC 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	15 - 40	67-56-1	n.av.	n.av.
Ammonium C8-10 Alcohol	10 - 30	68891-29-2	n.av.	n.av.
Nonylphenol polyethoxylate	7 - 13	9016-45-9	Rat (Oral) 2780 mg/kg	n.av.
Heavy aromatic naphtha solvent	5 - 10	64742-94-5	Rat (Oral) 100 mg/kg	n.av.
Sodium C14-C16 olefin sulfonate	1 - 5	68439-57-6	Rat (Oral) 3900 mg/kg	Rat 17200 mg/kg
Dodecylbenzenesulfonic Acid, Amine Salt	1 - 5	26264-05-1	Rat (Oral) 1836 mg/kg	n.av.

SECTION 3 - Physical Data

PHYSICAL STATE:	ODOUR AND APPEARANCE:	SOLUBILITY IN WATER:	ODOUR THRESHOLD:
Liquid	Solvent; Colourless	100%	n.av.
SPECIFIC GRAVITY:	VAPOUR DENSITY (air=1):	VAPOUR PRESSURE:	% VOLATILE BY VOLUME:
0.83 ± 0.02	n.av.	n.av.	n.av.
BOILING POINT:	MELTING POINT:	pH:	OCTANE-WATER COEFF:
n.av.	-40 °C	7.5 ± 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:	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 persistent eye irritation and possible eye damage.

SKIN CONTACT:

Defatting of the skin and/or dermatitis occurs with prolonged contact. Skin absorption can occur; symptoms may parallel inhalation exposure.

INGESTION:

If ingested, may cause blindness or death.

SECTION 7 - Preventative Measures

GLOVES: Impermeable gloves required.

FOOTWEAR: Regular safety boots required.

RESPIRATOR: NIOSH approved

CLOTHING: Specialty clothing not required.

EYEWEAR: Chemical goggles or safety glasses 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:

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

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, 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 immediately as directed by medical personel. Get medical attention immediately.

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

SCI-TECH Department of Research and Development

PHONE NUMBER:

(780) 960-1200

CONSTRUCTED:

01/30/2008

RELEASED:

01/03/2011

SCI-TECH Inc. believes that all statements, technical information and recommendations contained herein are based on available scientific tests or data which we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. SCI-TECH assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the product's label and Material Safety Data Sheet.