

SECTION 1 - Product Identification & Use

COMMON NAME:	Adtek 50	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	0948	Sci-Tech Inc.	
APPLICATION:	Asphaltene Dispersant	#340 53016 Hwy 60	
WHMIS CLASSIFICATION:	B, D.2A	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
Kerosene	60 - 100	64742-81-0	Rat (Oral) 5000 mg/kg	n.av.
Dodecylbenzene sulfonic acid	10 - 30	27176-87-0	Rat (Oral) 650 mg/kg	n.av.
Xylene	3 - 7	1330-20-7	Rat (Oral) 4300 mg/kg	n.av.
Nonylphenol polyethoxylate	3 - 7	9016-45-9	Rat (Oral) 2780 mg/kg	n.av.

SECTION 3 - Physical Data

PHYSICAL STATE:	ODOUR AND APPEARANCE:	SOLUBILITY IN WATER:	ODOUR THRESHOLD:
Liquid	Kerosene; Amber	0%	n.av.
SPECIFIC GRAVITY:	VAPOUR DENSITY (air=1):	VAPOUR PRESSURE:	% VOLATILE BY VOLUME:
n.av.	n.av.	n.av.	n.av.
BOILING POINT:	MELTING POINT:	pH:	OCTANE-WATER COEFF:
n.av.	n.av.	n.av.	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 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.
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:		
Oxides of sulfur, nitrogen and carbon.		

SECTION 5 - Reactivity Data

CHEMICAL STABILITY:
Stable under normal conditions.
INCOMPATIBLE MATERIALS:
Incompatible with acids and strong oxidizing materials.
HAZARDOUS DECOMPOSITION:
May thermally decompose to produce oxides of carbon, hydrogen, sulfur, and nitrogen.

SECTION 6 - Toxicological Properties**INHALATION:**

Inhalation may cause irritation of the respiratory tract.

EYE CONTACT:

May cause mild to moderate irritation.

SKIN CONTACT:

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

INGESTION:

May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 7 - Preventative Measures

GLOVES: Impermeable gloves required.

FOOTWEAR: Regular safety boots required.

RESPIRATOR: NIOSH approved

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:

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

TDG CLASSIFICATION:

Flammable liquid n.o.s. (Kerosene): Class 3, UN1993, PG III

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:

In case of contact with skin, remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation persists, seek medical attention.

INGESTION:

DO NOT INDUCE VOMITING. If vomiting occurs, lean victim forward to prevent aspiration of the vomitus. Give a cup of water to dilute chemical in stomach. Seek immediate medical attention.

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

SCI-TECH Department of Research and Development

PHONE NUMBER:

(780) 960-1200

CONSTRUCTED:

03/11/2008

RELEASED:

01/03/2011

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