

SECTION 1 - Product Identification & Use

COMMON NAME:	Bitusol Delta	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	0920	Sci-Tech Inc.	
APPLICATION:	Degreaser / Cleaner	#340 53016 Hwy 60	
WHMIS CLASSIFICATION:	D.2B, B.3	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
Petroleum naphtha, heavy alkylate	30 - 60	64741-65-7	Rat (Oral) 8000 mg/kg	Rat 5900 ppm 4h
d-Limonene	15 - 40	5989-27-5	Rat (Oral) 4400 mg/kg	n.av.
Ethylene glycol monobutyl ether	10 - 30	111-76-2	Rabbit (Oral) 370 mg/kg	Rat 450 ppm 4h
Alcohol ethoxylate	7 - 13	68991-48-0	Rat (Oral) 2000 mg/kg	n.av.

SECTION 3 - Physical Data

PHYSICAL STATE:	ODOUR AND APPEARANCE:	SOLUBILITY IN WATER:	ODOUR THRESHOLD:
Liquid	Citrus; Yellow	0%	n.av.
SPECIFIC GRAVITY:	VAPOUR DENSITY (air=1):	VAPOUR PRESSURE:	% VOLATILE BY VOLUME:
0.86 ± 0.02	n.av.	n.av.	n.av.
BOILING POINT:	MELTING POINT:	pH:	OCTANE-WATER COEFF:
80 °C	n.av.	7.0 ± 0.5	n.av.

OTHER PERTINENT INFORMATION:

n.av.

SECTION 4 - Fire & Explosion Data

FLAMMABILITY:	FLASHPOINT (°C):	37.8
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 dry chemicals, carbon dioxide, alcohol foam, or water spray.	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:		
May liberate oxides of 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 carbon monoxide and carbon dioxide.

SECTION 6 - Toxicological Properties**INHALATION:**

May cause mild irritation of the respiratory tract.

EYE CONTACT:

May cause persistent eye irritation and possible eye damage.

SKIN CONTACT:

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

INGESTION:

May cause burning in mouth and esophagus, as well as gastrointestinal irritation and nausea resulting in fatality.

SECTION 7 - Preventative Measures

GLOVES: Impermeable gloves required.

FOOTWEAR: Rubber boots required.

RESPIRATOR: NIOSH approved

CLOTHING: Impermeable coveralls required.

EYEWEAR: Chemical goggles or safety glasses required.

OTHER: Eye-wash station and shower required.

ENGINEERING CONTROL:

Use with adequate general ventilation.

LEAK AND SPILL PROCEDURE:

In case of a spill, remove all ignition sources. Provide adequate ventilation. Absorb with inert, dry material, dry earth, or sand. For small spills, dilute with water and mop up. Place discharge in an appropriate waste container.

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

TDG CLASSIFICATION:

Not TDG Regulated.

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 and flush with plenty of running water. If irritation persists, seek medical attention.

INGESTION:

DO NOT INDUCE VOMITING. Have victim drink large amounts of water. Seek immediate medical attention.

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

SCI-TECH Department of Research and Development

PHONE NUMBER:

(780) 960-1200

CONSTRUCTED:

10/10/2006

RELEASED:

01/03/2011

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