

SECTION 1 - Product Identification & Use

COMMON NAME:	Citrasolve 1	MANUFACTURER:	DISTRIBUTOR:
MATERIAL IDENTIFIER:	0502	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
d-Limonene	10 - 30	5989-27-5	Rat (Oral) 4400 mg/kg	n.av.
Ethylene glycol monobutyl ether	7 - 13	111-76-2	Rabbit (Oral) 370 mg/kg	Rat 450 ppm 4h

SECTION 3 - Physical Data

PHYSICAL STATE:	ODOUR AND APPEARANCE:	SOLUBILITY IN WATER:	ODOUR THRESHOLD:
Liquid	Citrus; Yellow	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.	n.av.	6.5 ± 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.
If water fog is ineffective use carbon dioxide, dry chemical or foam.	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:		
Smoke, fumes and oxides of carbon		

SECTION 5 - Reactivity Data

CHEMICAL STABILITY:
Stable under normal conditions.
INCOMPATIBLE MATERIALS:
Incompatible with strong oxidizing agents, concentrated acids and halogens. Potential exists for runaway reactions at elevated temperatures in the presence of strong bases and salts of strong bases.
HAZARDOUS DECOMPOSITION:
May thermally decompose to yield carbon monoxide, carbon dioxide and other organic compounds.

SECTION 6 - Toxicological Properties**INHALATION:**

Repeated overexposure may cause central nervous system effects such as dizziness, headache, drowsiness, disorientation and coughing or irritation to the respiratory system. Continued overexposure may cause unconsciousness, liver and kidney damage.

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 nausea, vomiting, and gastrointestinal irritation.

SECTION 7 - Preventative Measures

GLOVES: Impermeable gloves required.

FOOTWEAR: Specialty footwear not required.

RESPIRATOR: NIOSH approved, when misted

CLOTHING: Specialty clothing not 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:

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:

Do not ingest. Avoid skin and eye contact.

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 or milk to dilute chemical. If victim is not breathing, 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:

10/10/2006

RELEASED:

01/03/2011

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