

## SECTION 1 - Product Identification &amp; Use

<b>COMMON NAME:</b>	Gas Plant Cleaner	<b>MANUFACTURER:</b>	<b>DISTRIBUTOR:</b>
<b>MATERIAL IDENTIFIER:</b>	0903	Sci-Tech Inc.	
<b>APPLICATION:</b>	Oil and Gas	#340 53016 Hwy 60	
<b>WHMIS CLASSIFICATION:</b>	D.2B, E	Acheson, AB T7X 5A7	
<b>EMERGENCY CONTACT:</b>	CANUTEC	(780) 960-1200	
<b>EMERGENCY PHONE:</b>	(613) 996-6666		

## SECTION 2 - Hazardous Ingredients

HAZARDOUS INGREDIENTS	%	CAS/UN #	LD(50) OF INGREDIENT	LC(50) OF INGREDIENT
Monoethanolamine	15 - 40	141-43-5	Rat (Oral) 1720 mg/kg	n.av.
Versene 100	3 - 7	n.av.	Rat (Oral) 920 mg/kg	Rat 5 mg/L/96h

## SECTION 3 - Physical Data

<b>PHYSICAL STATE:</b>	<b>ODOUR AND APPEARANCE:</b>	<b>SOLUBILITY IN WATER:</b>	<b>ODOUR THRESHOLD:</b>
Liquid	Aromatic; Colourless	100%	2000.0 ppm
<b>SPECIFIC GRAVITY:</b>	<b>VAPOUR DENSITY (air=1):</b>	<b>VAPOUR PRESSURE:</b>	<b>% VOLATILE BY VOLUME:</b>
1.0 ± 0.02	n.av.	n.av.	n.av.
<b>BOILING POINT:</b>	<b>MELTING POINT:</b>	<b>pH:</b>	<b>OCTANE-WATER COEFF:</b>
> 100 °C	< 0 °C	13.0 ± 0.5	n.av.

## OTHER PERTINENT INFORMATION:

n.av.

## SECTION 4 - Fire &amp; Explosion Data

<b>FLAMMABILITY:</b>	<b>FLASHPOINT (°C):</b>	n.av.
May form combustible mixtures at or above the flash point.	<b>AUTOIGNITION TEMPERATURE (°C):</b>	n.av.
<b>MEANS OF EXTINCTION:</b>	<b>LOWER FLAMMABLE LIMIT (% BY VOLUME):</b>	n.av.
Use dry chemicals, carbon dioxide, alcohol foam, or water spray.	<b>UPPER FLAMMABLE LIMIT (% BY VOLUME):</b>	n.av.
<b>SPECIAL PROCEDURES:</b>	<b>EXPLOSION SENSITIVITY TO IMPACT:</b>	Low
It is recommended that a NIOSH approved SCBA be used when either in confined areas or exposed to combustion products.	<b>SENSITIVITY TO STATIC DISCHARGE:</b>	Low
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>		
Oxides of carbon and nitrogen		

## SECTION 5 - Reactivity Data

<b>CHEMICAL STABILITY:</b>
Stable under normal conditions.
<b>INCOMPATIBLE MATERIALS:</b>
Incompatible with strong acids and strong oxidizing materials.
<b>HAZARDOUS DECOMPOSITION:</b>
n.av.

**SECTION 6 - Toxicological Properties****INHALATION:**

May cause mild irritation of the respiratory tract.

**EYE CONTACT:**

Causes temporary discomfort and irritation.

**SKIN CONTACT:**

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

**INGESTION:**

If ingested in large amounts, may cause severe pain, burns to the digestive tract, vomiting, and diarrhea. In severe cases, death could result.

**SECTION 7 - Preventative Measures**

**GLOVES:** Rubber gloves required.

**FOOTWEAR:** Regular safety boots required.

**RESPIRATOR:** NIOSH approved, when misted

**CLOTHING:** Specialty clothing not required.

**EYEWEAR:** Splash-proof chemical safety glasses required.

**OTHER:** Normal safety precautions should be taken.

**ENGINEERING CONTROL:**

Use with adequate general ventilation.

**LEAK AND SPILL PROCEDURE:**

For large spills, salvage material and place into container. For minor spills sweep or vacuum discharged material. Residue may be flushed with large amounts of water.

**WASTE DISPOSAL:**

Dispose of in accordance with federal, provincial, and local regulations in designated landfill site.

**HANDLING PROCEDURES AND EQUIPMENT:**

Do not ingest. Avoid skin and eye contact.

**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:**

Corrosive liquid, basic, organic (Ethanalamine): Class 8, UN3261, PG III

**SECTION 8 - First Aid Procedures****INHALATION:**

Remove victim from exposure and allow fresh air. If discomfort results, seek medical attention.

**EYE CONTACT:**

In case of contact with eyes, flush eyes with plenty of water for at least 15 minutes while holding eye lids open. If irritation persists, seek medical attention.

**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:**

08/31/2006

**RELEASED:**

01/03/2011

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