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## MATERIAL SAFETY DATA SHEET

### EMERGENCY ASSISTANCE - 24 hour

For emergency assistance involving chemicals call CHEMTREC (800) 424-9300.

### SECTION 1: MATERIAL INFORMATION

**Common Name:** **GRAM DECOLORIZER**  
**Synonyms:** Decolorizer  
**Catalog Number:** R5812, R5813, R5814, R5825, R5826, R5827, R5828  
**CAS #:** N/AV  
**WARNING:** POISON, FLAMMABLE

### SECTION 2: HAZARDOUS INGREDIENTS

<u>Hazardous Components</u>	<u>CAS #</u>	<u>Chemical Family</u>	<u>Molecular Formula</u>	<u>Approximate Concentration</u>
Ethanol, denatured	64-17-5	Alcohol	C <sub>2</sub> H <sub>5</sub> OH	75%
Acetone	67-64-1	Ketone	(CH <sub>3</sub> ) <sub>2</sub> CO	25%

### SECTION 3: PHYSICAL DATA

<b>Appearance:</b> Colorless liquid	<b>pH:</b> N/AV	<b>Vapor Density:</b> 1.6 (air = 1)
<b>Boiling Point:</b> 73°C	<b>Solubility in Water:</b> Appreciable	<b>Flash Point:</b> -16°C (TCC)
<b>Melting Point:</b> N/AV	<b>Vapor Pressure:</b> 77.8 mm at 20°C	<b>Evaporation Rate:</b> N/AV
<b>Odor:</b> Acetone	<b>Specific Gravity:</b> 0.801 (water = 1)	

### SECTION 4: FIRE AND EXPLOSION HAZARD

**Flammable:** Yes: Flammable liquid

**Flammability Limits:**

Upper: N/AV      Lower: 2.6°C by volume in air

**Extinguish Media:**

CO<sub>2</sub>, Dry chemical, water spray, foam

**Special Hazards:**

Wear self-contained, positive-pressure breathing apparatus and full protective clothing.

**Unusual Fire and Explosion Hazards:**

Moderate explosion hazard when vapor is exposed to flame.

### SECTION 5: REACTIVITY DATA

Stable:       Unstable:

**Conditions to Avoid:**

Heat, sparks, open flame, incandescence fire

**Materials to Avoid:**

- Water -
- Acids -
- Bases -
- Corrosives -
- Oxidizers - Permanganates, peroxides
- Other: CrO, CR (OCl)<sub>2</sub>, NOCl

**Hazardous Decomposition Products:**

Carbon monoxide and/or carbon dioxide

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**SECTION 6: HEALTH HAZARD DATA**


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To the best of our knowledge, the chemical, physical, and toxicological properties of this mixture have not been thoroughly investigated. Presented below are specific data on each of the subcomponent ingredients:

<u>Hazardous Component</u>	<u>%</u>	<u>Threshold Limit Value</u>	<u>TXDS</u>
Acetone	25%	590 mg/m <sup>3</sup>	ORL-HMN LDLO: 50 mg/kg SKN-RBT LD50: 20 mg/kg INH-HMN TCLO: 500 ppm
Ethanol, denatured	75%	1000 ppm	N/AV

**Effects of Overexposure (Acute and Chronic):****POISON**

Prolonged exposure may cause headache, dizziness, irritation of eyes and respiratory tract, loss of strength and narcosis. May cause severe eye irritation.

**Carcinogenicity:** These products do not contain any carcinogens at 0.1% or greater.

**First Aid Procedure:**

**Skin Contact:** Wash with copious amounts of soap and water.

**Eye Contact:** Flush with copious amounts of water for 15 minutes.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration; if breathing is difficult, give oxygen; seek medical attention.

**Ingestion:** Seek medical attention immediately.

In all cases of overexposure seek medical attention.

Wash contaminated clothing before reuse.

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**SECTION 7: SPILL OR LEAK PROCEDURES AND DISPOSAL**


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**Steps to be taken if Material is Released or Spilled:**

Ventilate area; using protective apparatus, take up with absorbent. Wash spill site after material pickup is complete.

**Waste Disposal Method:**

Observe all local, provincial, state, and federal regulations.

Refer to attachment regarding requirements for reporting emissions of acetone.

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**SECTION 8: SPECIAL PROTECTION INFORMATION**


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Provide adequate general mechanical and local exhaust ventilation.

Avoid prolonged or repeated inhalation of vapor.

Protect eyes, skin, and clothing with safety goggles and gloves.

Wash thoroughly after handling.

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**SECTION 9: SPECIAL HANDLING AND STORAGE PRECAUTIONS**


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Keep container tightly closed. Protect against physical damage. Store in cool, well-ventilated area away from heat, sparks, flame and other sources of ignition.

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**SECTION 10: MSDS PREPARATION AND INFORMATION**


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Revised By: Gary Wicklund

Authorized Signature: 

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