



**SECTION 3 — HAZARDOUS INGREDIENTS**

CAS Reg. Number	Material	Percentage	Exposure Levels
1330-20-7	* Xylene (mixed isomers)	25 - 35	100 ppm = OSHA PEL 100 ppm = ACGIH TLV
67-64-1	Acetone	20 - 30	750 ppm = OSHA PEL 750 ppm = ACGIH TLV
74-98-6	Propane	20	1000 ppm = OSHA PEL Asphyxiant = ACGIH TLV
78-93-3	*2-Butanone, Methyl Ethyl Ketone	5 - 15	200 ppm = OSHA PEL 200 ppm = ACGIH TLV
100-41-4	*Ethylbenzene (component of commercial xylene)	1 - 10	100 ppm = OSHA PEL 100 ppm = ACGIH TLV 125 ppm = STEL
123-42-2	Diacetone Alcohol	1 - 10	50 ppm = OSHA PEL 50 ppm = ACGIH TLV

\* Indicates toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

**SECTION 4 — FIRE AND EXPLOSION HAZARD DATA**

Flash Point: -156°F (-104°C)

Method Used: Estimated

Flammable Limits In Air By Volume: LOWER = 1

UPPER = 13

Extinguishing Media: Foam, alcohol foam, CO<sub>2</sub>, dry chemical and water fog.

Special Fire Fighting Procedures: Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles are preferred. Wear goggles and self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

**SECTION 5 — HEALTH HAZARD DATA**

Effects of Overexposure:

Ingestion: Not a likely route of exposure. Can cause gastro-intestinal irritation, vomiting, diarrhea, blindness and death.

Inhalation: Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired coordination, possible unconsciousness.

Skin Contact: May dry the skin. Prolonged contact may cause irritation. May be absorbed. Solvent action can dry and defat the skin causing the skin to crack, leading to dermatitis.

Eye Contact: Liquid or vapor can cause severe irritation, redness, tearing and blurred vision. Prolonged contact may lead to corneal damage.

**SECTION 5 — HEALTH HAZARD DATA continued**

Health Hazards:

Acute: Eye irritant. Skin irritant. Narcotic in high concentrations.  
Chronic: Unknown for product as a whole.

Carcinogenicity: NTP Carcinogen: No IARC Monographs: No OSHA Regulated: No

Medical Conditions Generally Aggravated By Exposure: Acute and chronic liver and kidney disease, anemia.

First Aid Procedures:

Ingestion: If swallowed, DO NOT induce vomiting. Seek immediate medical advice and/or attention.  
Skin Contact: Wipe off with towel. Wash with soap and water. Get medical attention if irritation persists.  
Inhalation: Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.  
Eye Contact: Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

**SECTION 6 — REACTIVITY DATA**

Stability: Stable

Conditions to Avoid: Application to hot surfaces. Storage above 120°F. Exposure to open flame.

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and other toxic fumes.

Hazardous Polymerization: Will not occur.

**SECTION 7 — SPECIAL PROTECTION INFORMATION**

Respiratory Protection: None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Ventilation: Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV or most hazardous ingredient below acceptable limit and LEL below stated limit.

Protective Gloves: None under normal use. Solvent resistant required for prolonged or repeated contact.

Eye Protection: None under normal use, however, use of safety glasses with splash guards or full face shield is recommended.

**SECTION 7 — SPECIAL PROTECTION INFORMATION continued**

Other Protective Equipment: None under normal use, however, use of solvent resistant aprons or other clothing is recommended.

Work/Hygienic Practices: Eye washes and safety showers in the workplace are recommended.

**SECTION 8 — SPILL OR LEAK PROCEDURES**

Steps To Be Taken In Case Material Is Released or Spilled: Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

**SECTION 9 — SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling and Storage: Store and use in cool, dry, well-ventilated areas. Do not store above 120°F. Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

Other precautions: Small pressurized containers of flammable products may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources and ventilation except that they should not be stored in basements.

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