## **Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## **U. S. Department of Labor**

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072

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1.14	
(10 FFM STEL)	25-35%
5PPM (10 PPM STEL)	1-2%
	5-15%
	5-15%
	30-45%
	25-40%
CGIH TLV Other	Limits % (optional)
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07/22/09	
ation (847) 541-5	5700
information is available, the space must be marked to indicate that.	
nitted. If any item is	not applicable, or no
<b>e</b> i	er -9300

## **Section V-Reactivity Data Stability** Unstable **Conditions to Avoid** Strong oxidizing agents, fire, flame X Stable **Incompatibility** (Materials to Avoid) Strong oxidizing agents **Hazardous Decomposition or Byproducts** Unlikely Hazardous **May Occur Conditions to Avoid** N/A **Polymerization** Will Not Occur X **Section VI-Health Hazard Data Route(s) of Entry:** Inhalation? Skin? **Ingestion?** Eye Moderately hazardous, not established 4,000-6,000 mg/kg 5,000mg/kg Eye **Health Hazards** (Acute and Chronic) Mildly to moderately irritating to eyes. Prolonged exposure to skin may cause irritation redness. IARC monographs? NTP? **OSHA Regulated? Carcinogenicity:** Not listed Not listed Not regulated Signs and Symptoms of Exposure: Very slow evaporation unlikely to reach exposure limits. **Acute Overexposure:** Dizziness, drowsiness unlikely due to very slow evaporation. May cause temporary blurring of vision. **Chronic overexposure:** Upper respiratory tract irritation, lightheadedness. **Medical Conditions Generally Aggravated by Exposure** None established **Emergency and First Aid Procedures** Inhalation-remove victim to fresh air and provide oxygen if breathing is difficult. Eyes-flush exposed areas with large quantities of water. Skin-wash skin with soap and water. Use emollient skin creams. Ingestion-do not induce vomiting. Call Physician. Section VII-Precautions for Safe Handling and Use Steps to Be Taken in Case Material is Released or Spilled Soak up with suitable, non -reactive absorbant material, collect in suitable containers for disposal. Remove any source of high heat, sparks, flame. Recovered free liquid may be re-used or reclaimed. Dispose of in accordance with all Local, State and Federal regulations. Waste Disposal Method **Precautions to Be Taken in Handing and Storing** Store at room temperatures between 40°F-110°F, keep container tightly closed. Do not mix with strong oxidants, acids or alkalies. **Other Precautions** Do not reuse empty containers for other liquids. **Section VIII-Control Measures Respiratory Protection** (Specify Type) Use NIOSH approved chemical cartridge (organic vapor) respiratory equipment when spraying material (full face respirator is recommended) Ventilation Local Exhaust Sufficient to maintain air concentration as required by OSHA N/A **Special Mechanical (General)** Maintain adequate ventilation Other N/A **Protective Gloves** Butyl rubber, Neoprene gloves **Eye Protection** Eye protection for application and removal such as chemical goggles. Other Protective Clothing or Equipment Impervious coveralls, apron, boots, as necessary to prevent skin contact. Eye wash as needed.

N/A = Not applicable.

## **Section IX-Additional Information**

This product contains the following toxic chemicals which are subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

APPROXIMATE

TOXIC CHEMICAL CAS # % BY WEIGHT

N-Methyl-2-Pyrrolidone 872-50-4 25.7% Formic Acid 64-18-6 1.7%

SARA Title III Hazard Categories: Immediate (Acute) Health Hazard

TRANSPORTATION: Not regulated as DOT Hazardous Material.

California Proposition 65: This product contains N-Methyl Pyrrolidone, a chemical known to the state of California to cause birth defects or other reproductive harm.