

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point (closed cup)	203°C
Flammable Limits	Lower explosion limit: No data Upper explosion limit: No data
Auto ignition temperature	240°C
Extinguishing Media	Use water spray, ABC dry chemical, foam or carbon dioxide. If water is used, very large quantities are required. Reaction between water and hot isocyanate may be vigorous.
Special Fire Fighting Instructions	Firefighters should be equipped with butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus.
Unusual Fire and Explosion Hazard	Due to reaction with water, a hazardous build-up of pressure could result if contaminated containers are re-sealed.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures	Ventilate the spill area. Construct a dike to contain spreading. Absorb spill with sand or other inert absorbent and place into a disposal container. Flush area with water spray
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SECTION 7 – HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Process using adequate ventilation. Wash prior to eating, drinking, smoking and when leaving work.
Storage	Store in tightly closed container to prevent moisture contamination. Due to reaction with water, producing CO ₂ gas, a hazardous build-up of pressure could result if contaminated containers are re-sealed. Store in cool, dry area.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Use local exhaust ventilation.
Eye Protection	Chemical splash goggles.
Skin Protection	Nitrile or other impervious rubber gloves. Long sleeved shirt and trousers.
Respiratory Protection	Not required under normal conditions in a well-ventilated work area.
Additional Protective Measures	Safety showers and eyewash stations should be available. Educate and train employees in the safe use of this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown low viscosity liquid
Odor	Slight
pH	No Data
Vapor Pressure (mm Hg)	< 0.01 mm Hg @ 20°C
Vapor Density (Air = 1)	> 1
Boiling Point	No Data
Melting Point	No Data
Solubility in Water	Reacts with water
Specific Gravity (Water = 1)	1.2

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable.
Conditions to Avoid	Do not expose to excessive heat or ignition sources.
Incompatibility	This product will react with any materials containing active hydrogens such as water, alcohol, amines, bases and acids. The reaction with water is very slow under 50°C but is accelerated at higher temperatures.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, nitrogen oxides and some HCN upon combustion.
Hazardous Polymerization	Will not occur under normal conditions.

SECTION 11 – TOXICOLOGICAL INFORMATION

No data available

SECTION 12 – ECOLOGICAL INFORMATION

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal	Waste must be disposed of in accordance with all applicable federal, state and local environmental control regulations.
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