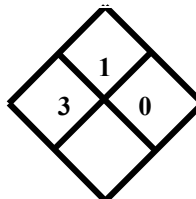


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24-Hour Emergency Phone: 1-888-354-3323

Effective Date: 1/20/04**Material Safety Data Sheet**

MSDS No: 31804

1. PRODUCT IDENTIFICATION**Trade Name:** Ren 8269 Medium**Chemical Family:** Amine

NFPA RATING

Health:	3
Flammability:	1
Reactivity:	0
Personal Protection:	

HMIS RATING

Synonyms:

RP 8269 Medium Hardener

Intended Use or Product Type: Room temperature use hardener blend**2. COMPOSITION / INFORMATION ON INGREDIENTS**

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				MFR.	CARCINOGEN STATUS		
			ACGIH		OSHA			IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	100-51-6 Common Name:	Benzenemethanol Benzyl alcohol	NE	NE	NE	NE	NE	NR	NR	NR
*	102-71-6 Common Name:	Ethanol, 2,2',2"-nitritoltris- Triethanol amine	5 mg/m3	NE	NE	NE	NE	NR	NR	NR
*	10563-29-8 Common Name:	1,3-Propanediamine, N'-(3-aminopropyl)-N,N-dimethyl- Dimethylene Propylene Triamine	NE	NE	NE	NE	NE	NR	NR	NR
*	25154-52-3 Common Name:	Phenol, Nonyl- Nonyl Phenol	NE	NE	NE	NE	NE	NR	NR	NR
*	69852-45-5 Common Name:	N-Dimethyl-N'-cyanoethyl-1,3-dia- minopropane Dimethylcyanoethyldiaminopropan e	NE	NE	NE	NE	NE	NR	NR	NR

NE = Not Established NR = Not Reviewed * = OSHA Hazardous Ingredient

3. HAZARDS IDENTIFICATION**Emergency Overview:** Corrosive - Causes skin and eye burns. May cause allergic skin reaction.

Primary Route(s) of Entry: Dermal; heated product may produce inhalable vapors.

Acute Exposure: Corrosive. Causes skin and eye burns.

4. FIRST AID MEASURES

Ingestion: If conscious, give 2 - 4 glasses of water to drink. Do not induce vomiting. Call a physician.

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

Inhalation: Remove to fresh air. Call a physician.

Eyes: Immediately flush eyes with water for at least 15 minutes. Call a physician.

Overexposure Effects: Corrosive - causes skin and eye burns. May cause allergic skin reaction.

Medical Conditions Aggravated by Exposure: Skin and eye conditions.

Additional Information: Referral to a physician is recommended if there is any question about the seriousness of any injury.

5. FIRE FIGHTING MEASURES

Flash Point:	200°F (93 °C)
Flash Point Method Used:	Estimated
Flammable Limits in Air (Lower - % by volume):	Not established
Flammable Limits in Air (Upper - % by volume):	Not established

Fire Fighting Extinguishing Media: Carbon dioxide, dry chemical, foam, water.

Fire Fighting Equipment: Use self-contained breathing apparatus.

Fire and Explosion Hazards: Decomposition and combustion products may be toxic.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Remove spillage by absorbing in absorbent material. Avoid contact.

7. HANDLING AND STORAGE

Signal Word: Danger!

Precautions: Corrosive - causes skin and eye burns. Can cause allergic skin reaction. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or mist. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

Other Handling Information: Nuisance dust may be generated when sanding or sawing cured material.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Skin Protection:** Impermeable gloves and protective clothing.**Respiratory Protection:** Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely.**Eye Protection:** Wear splash-proof chemical goggles.**Engineering Controls:** General mechanical and local exhaust in accordance with ACGIH recommendations.**9. PHYSICAL AND CHEMICAL PROPERTIES**

Color:	Amber
Odor:	Amine
Physical State:	Liquid
Solubility in Water:	Moderate
Specific Gravity:	0.95 (water = 1)
Boiling Point:	Not Determined
Evaporation Rate:	Not Determined
Vapor Density:	Not Determined
pH:	Not Determined

Percent Volatile: Less than 1%.**10. STABILITY AND REACTIVITY****Conditions to Avoid:** Excessive heat for prolonged periods of time.**Stability:** Stable.**Incompatibility:** Strong oxidizers, acids and bases.**Hazardous Decomposition Products:** Combustion may form toxic materials such as carbon monoxide, carbon dioxide and nitrogen oxides.**Hazardous Polymerization:** Will not occur.**11. TOXICOLOGICAL INFORMATION****Sensitization:** Possible in susceptible individuals.**Skin Irritation:** Corrosive. Causes burns.**Eye Irritation:** Corrosive. Causes burns.**12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS**

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Waste Disposal Method: Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

14. TRANSPORT INFORMATION

DOT: Non-Bulk

Proper Shipping Name:	Polyamines, liquid, corrosive, N.O.S.
Technical Shipping Name (If n.o.s.):	Dimethylcyanoethyldiaminopropane, Dimethyl dipropyl triamine
Hazard Class:	8
ID Number:	UN 2735
Packing Group:	PG II
Label:	Corrosive

15. REGULATORY INFORMATION

US Federal Regulations:

Occupational Safety and Health Act (OSHA): This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261) but handle with care due to corrosive effect on skin and eyes.

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372).

TSCA Section 8(b) - Inventory Status: Chemical components listed on TSCA Inventory.

TSCA Section 12(b) - Export Notification: This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

State Regulations:

Pennsylvania Right-to-Know: The following is required composition information:

Chemical Name: N-Dimethyl-N'-cyanoethyl-1,3-diaminopropane
Common Name: Dimethylcyanoethyldiaminopropane
CAS Number: 69852-45-5
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Benzenemethanol
Common Name: Benzyl alcohol
CAS Number: 100-51-6
Comment: Hazardous Substance

Chemical Name: 1,3-Propanediamine, N'-(3-aminopropyl)-N,N-dimethyl-
Common Name: Dimethylene Propylene Triamine

Effective Date: 1/20/04

CAS Number: 10563-29-8

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Phenol, Nonyl-

Common Name: Nonyl Phenol

CAS Number: 25154-52-3

Comment: Hazardous Substance

Chemical Name: Ethanol, 2,2',2"-nitrilotris-

Common Name: Triethanol amine

CAS Number: 102-71-6

Comment: Hazardous Substance

16. OTHER INFORMATION**MSDS No:**

31804

Approved By:

Kenneth L. Payne

Title:

E,H&S Manager

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