

# Material Safety Data Sheet

May be used 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

ITY (As Used on Label and List)  
LARGE BEAD REMOVER EBR2

Note: Blank spaces are not permitted. If any item is not applicable, or no  
information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name Futurrex, Inc.	Emergency Telephone Number 973-579-1324
Address (Number, Street, City, State and ZIP Code) 12 Cork Hill Road Franklin, New Jersey 07416	Telephone Number for Information 973-579-1324
	Date Prepared 10/1/01
	Signature of Prepare (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	CAS Number % (optional)
Cyclohexanone	25 ppm	25ppm	108-94-1 100

Components of the product are registered in the Chemical Substance Inventory according with the Toxic Substance Control Act.

## Section III - Physical/Chemical Characteristics

Boiling Point (°C)	155	Specific Gravity (H2O=1)	<1
Vapor Pressure (mm Hg) (20°C)	2	Melting Point (°C)	-47
Vapor Density (AIR=1)	3.4	Evaporation Rate (Butyl Acetate=1)	0.31

Solubility in Water  
Negligible

Appearance and Odor  
Clear liquid, Characteristic odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 44°C (TCC)	Flammable Limits. (% volume in air)	LEL 1.1	UEL 12.8
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Extinguishing Media.  
Carbon dioxide, dry chemical media, alcohol-type or all-purpose-type foam.

Special Fire Fighting Procedures.  
Use water spray to cool fire-exposed containers and structures. Use self contained breathing apparatus and protective coating.

Unusual Fire and Explosion Hazard.  
Flammable vapors may be heavier than air and may travel long distance along the ground before igniting and may flash back to the  
or source.

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid
			Avoid heat, sparks, open flame and contact with strong oxidizing agents.
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts.

Hazardous Polymerization	May Occur		Conditions to Avoid
			Avoid Heat
	Will Not Occur	X	

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Inhalation: may be slightly irritating. Skin contact: may cause defatting and drying. Ingestion: liquid ingestion may result in vomiting.

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

Signs and Symptoms of exposure

Inhalation: may cause dizziness, nausea and confusion. Eyes and skin: may cause irritation.

Emergency and First Aid Procedures

Inhalation: remove victim to fresh air. Skin contact: wash with soap and water. Ingestion: Do not induce vomiting. Get medical attention.

**Section VII - Precautions for Safe Handling and Use**

Precautions to Be Taken in Case Material is Released or Spilled

Clean up spill with absorbent material and place in non-leaking containers; seal tightly for proper disposal.

Waste Disposal Method

Place in a disposal facility approved under RCRA regulation for hazardous waste.

Precautions to Be Taken in Handling and Storing

Keep away from sparks and open flames. Keep containers tightly closed. Store away from strong oxidizing agents in a cool and dry place.

Other Precautions

None.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

Use NIOSH- approved respirator if exposure exceeds exposure limits.

Ventilation	Local Exhaust	Special
	Face velocity 60 fpm in confined space.	Use with exhaust equipment with discharge to outdoors.
	Mechanical (General)	Other
	Explosion-proof ventilation equipment.	No smoking or open flames.

Protective Gloves

Chemically resistant gloves.

Eye Protection

Chemical splash goggles or face shield.

Other Protective Clothing or Equipment

Usually not needed

Work/Hygenic Practices

Follow regulations appropriate for handling flammable chemicals.

**Section IX - HMIS Hazard Rating Scale**

Health: 1 Flammability: 2 Reactivity: 0