

**SAFETY DATA SHEET****PPERFECT DESENSITIZER****1. Chemical Product and Company Identification****Product Name: PERFECT Desensitizer****Manufacturer: B.J.M. Laboratories Ltd.****Address: 12 Hassadna Street, Industrial Park, Or-Yehuda, 6022011, Israel.****Telephone: 972-3-7353000 / Fax: 972-3-7353020.****2. Composition / Information of Hazardous Ingredients**

Hazardous Ingredients	CAS#	Hazard Identification & Risk Phrases
2-Hydroxyethylmethacrylate (HEMA)	868-77-9	Xi, R/36/38-43
Glutaraldehyde	111-30-8	Xi, T R23/25-43; C R34; Xi R42/43; N R50

- ✓ Additional information: For the wording of the listed risk phrases refer to section 16.

**3. Hazards Identification. C: Corrosive, Xi: Irritant. Signal word: Danger.**Acute Health Hazards:

Resp. Sens: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Eye Dam: Causes serious eye damage.

Skin Irrit: Causes skin irritation.

Skin Sens: May cause an allergic skin reaction.

Primary Routes of Exposure: Inhalation, skin contact, eye contact.

Carcinogenicity: NTP – no, OSHA – no, IARC – no.

**4. First Aid Measures in Cause of Inhalation**

After skin contact: Immediately wash with water and soap and rinse throughly.

After eye contact: Rinse opened eye for several minutes under running water and consult a doctor.

After swallowing: immediately consult with doctor.

**5. Fire-Fighting Measures**

Flash Point: N/E

Extinguishing Media: CO<sub>2</sub>, powder and water spray, dry chemical.

Unusual Fire and Explosion Hazards: Formation of toxic gases is possible during heating or in case of fire.

**6. Accidental Release Measures**

Clean-Up Procedure: Absorb with liquid binding material (diatomite, universal binders). Send for recovery or disposal in suitable receptacles.

**7. Handling and Storage**

Handling: Wear protective equipment. Ensure good ventilation/exhaustion at the workplace.

Storage: Keep container tightly closed when not in use.

**8. Exposure Controls/ Personal Protection**

Respiratory Protection: Avoid inhalation of vapors. Wear protection equipment.

Hand and Skin Protection: Avoid skin contact.

Keep away from foodstuff and beverages.

**9. Physical and Chemical Properties**

Appearance: colorless liquid

Odor: Aromatic (aldehyde like odor)

Boling Point: 100°C (212°F)

Ignition temperature: 230°C (446°F)

Solubility in Water: Not miscible or difficult to mix

Vapor Density (Air = 1): N/E

Vapor Pressure (mmHg): 17 mm Hg at 20°C – 23 hPa

**10. Stability and Reactivity**

Stability: This material is stable.

Hazardous Reactions: None if handled according to directions

Hazardous Polymerization: None.

Conditions to Avoid: Heat.

Incompatibility: N/E

**11. Toxicological Information**

Irritation of Skin: Irritant to skin and mucous membranes.

On the eye: Strong irritant with the danger of severe eye injury.

Allergic Effects: N/A

Additional toxicological information: Harmful. Irritant.

**12. Ecological Information**

Do not discharge into savers or water supplies.

Environmental persistence and degradability: No data available.

Ecotoxicity: No data available.

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

**13. Disposal Considerations**

Must not be disposed of together with household garbage. Do not allow product to reach sewage

**system.** Specific treatment (see on this label).

Dispose of contents/container in accordance with local/regional/national/international regulations.

**14. Transport Information**

14.1 Transport at land	ADR UN Number	RID Kemler Number
	Packing Group Proper shipping name	
14.2 Transport at sea	ADNR UN Number	IMDG
	EMS Packing Group Proper shipping name	MFAG
14.3 Air transport	ICAO / IATA-DGR UN Number Proper shipping name Subsidiary Risk Labels Packing Group	

U.S. DOT Shipping Name: Not Regulated  
U.S. DOT Hazard Class: None  
Number: None  
U.S. Dot Packing Group: None  
Other: Not considered hazardous cargo.

## 15. Regulatory Information

This product requires classification according to the criteria of EC.  
The product is a medical device according to the EC-directive 93/42.

- 15.1 UN Number ---  
15.2 National regulations  
15.3 EU number  
15.4 Hazard symbols



GHS05 GHS08

- 15.5 Hazard designation C: Corrosive Xi: Irritant.  
Signal word: Danger.  
Contains:  
2-hydroxyethyl methacrylate  
glutaral

- 15.6 Risk phrases  
**R: 36, 37/38, 43**  
T Toxic  
N Dangerous for the environment  
23/25-34-42/43-50 Toxic by inhalation and if swallowed. Causes burns. May cause sensitization by inhalation and skin contact. Very toxic to aquatic organisms.  
36 Irritating to eyes.

37/38 Irritating to respiratory system and skin.  
43 May cause sensitization by skin contact.

15.7 Safety phrases

**S: 2, 9, 16, 23, 26, 28, 24/25, 37/39**  
2 Keep out of the reach of children.  
9 Keep container in a well-ventilated place.  
16 Keep away from sources of ignition - No smoking.  
23 Do not breathe vapour.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.  
28 After contact with skin, wash immediately with plenty of water and soap.  
24/25 Avoid contact with skin and eyes.  
37/39 Wear suitable gloves and eye/face protection.  
Specific treatment (see on this label).  
Dispose of contents/container in accordance with local/regional/national/international regulations.

U.S. – O.S.H.A. Status: This material is Xi: Irritant. under the criteria the U.S. Federal Hazard Communication Standard.

## 16. Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

### Relevant R-phrases

36/37/38 Irritating to eyes respiratory system and skin.  
Xi Irritant.  
Xn Harmful.

Material should be maintained in original containers. Empty containers should not be re-used.

### AN SI / NFPA 704 DATA

Fire = 0  
Health = 2  
Reactivity = 0

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This information is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, or the results to be obtained from use thereof. In no event will the manufacturer or distributor be responsible for damages of any nature whatsoever resulting from the use of, or reliance upon this information. General properties described herein are to be regarded as guides and are not guaranteed for all samples.

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