

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

OPA Neutralizer

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name	: OPA Neutralizer
Trademark	: ROSA- CHEM OPA
Product Ref No	: 6218

1.2. Relevant identified uses of the substance or mixture and uses advised against:

OPA Neutralizer is used for neutralization of the disinfectants containing ortho-phthalaldehyde.

1.3. Manufacturer:

Company Name : GBL Gül Biyoloji Laboratuvarı Sanayi ve Ticaret Anonim Şirketi
Address : HQ: Serifali Mah. Hattat Sk. No:10 P.O.: 34775 Ümraniye İstanbul TÜRKİYE
Factory: Dudullu OSB Mah. İMES C Blok 305 Sk. No:16 P.O.: 34775 Ümraniye İstanbul TÜRKİYE
Telephone : +90 216 364 15 00
Fax : +90 216 314 15 69
E-mail : export@gbl.com.tr

1.4. Emergency Telephone Number:

Telephone: +90 (216) 364 15 00 or contact your local emergency telephone number

2. HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture

2.1.1. Product definition: Substance

2.1.2. Classification according to regulation (EC) No. 1272/2008 (GLP/GHS):

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2. Label Elements

Labeling (Regulation (EC) No 1272/2008)

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3. Other Hazards: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance:

Not applicable

3.2. Mixture:

Chemical Name	EC No	CAS No	Concentration %	1999/45/EC	REGULATION(EC) No 1272/2008)
Glycine	200-272-2	56-40-6	32 gr	-	Not classified

4. FIRST AID MEASURES

4.1. Description Of First Aid Measures

4.1.1. Eye Contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, or redness persist.

4.1.2. Inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

4.1.3. Skin Contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

4.1.4. Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed.

4.2.1. Potential acute health effects

Eye contact: no data available

Inhalation: no data available

Skin contact: no data available

Ingestion: no data available

4.2.2. Over-exposure signs/symptoms

Eye contact: no data available

Inhalation: no data available

Skin contact: no data available

Ingestion: no data available

4.3. Indication of any immediate medical attention and special treatment needed

4.3.1. Notes to physician: no data available

4.3.2. Specific treatments: no data available

5. FIREFIGHTING MEASURES

5.1. Extinguishing Media:

5.1.1. Suitable Extinguishing Media:

Foam, dry powder, carbon dioxide, water spray.

5.1.2. Unsuitable Extinguishing Media:

Do not use a heavy water stream.

5.2. Special Hazards Arising from The Substance or Mixtures:

Combustible. Development of hazardous combustion gases or vapors possible in the event of fire. Fire may cause evolution of nitrous gases, nitrogen oxides.

5.3. Advice for firefighters:

5.3.1. Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders: Protective equipment see section 8.

6.2. Environmental precautions

Do not let product enter drains.

6.3. References To Other Sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

- 7.1. Precautions For Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
- 7.2. Conditions for safe storage, including any incompatibilities:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.
- 7.3. Specific end use(s)**
7.3.1.Recommendations: Not available.
7.3.2.Industrial sector specific solutions: Not available.

8. EXPOSURE CONTROLS/PERSONEL PROTECTION

8.1. Control Parameters Occupational Exposure Limits

Chemical Name	Exposure Limits					
	TWA ⁽³⁾ (8 h) OSHA PEL		TWA ⁽³⁾ (8 h) NIOSH REL		STEL ⁽⁴⁾ (15 min.)	
	mg/m ³ ⁽⁵⁾	ppm ⁽⁶⁾	mg/m ³ ⁽⁵⁾	ppm ⁽⁶⁾	mg/m ³	ppm
Glycine	Not listed.	Not listed.	Not listed.	Not listed.	Not listed.	Not listed.

8.2. Exposure Controls

8.2.1.Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation.

8.2.2.Individual Protection Measures: Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

8.2.2.1. **Eye/face protection:** Safety glasses.

8.2.2.2. **Hand protection:** Wear protective gloves.

8.2.2.3. **Respiratory protection:** Wear appropriate mask.

8.2.2.4. **Environmental protection:** Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information On Basic Physical and Chemical Properties

Form	: crystalline
Odor	: no data available
Color	: white
pH @ 25 °C (ca)	: no data available
Melting point/freezing point	: Melting point/range: 240 °C
Flash point	: no data available
Evaporation rate	: no data available
Upper/Lower Flammability or explosive limits	: no data available
Vapor pressure	: no data available.
Density	: no data available

<i>Solubility(ies)</i>	: no data available
<i>Viscosity</i>	: no data available
<i>Explosive properties</i>	: no data available
<i>Oxidizing properties</i>	: no data available
<i>Decomposition temperature</i>	: no data available.

Note: *Integers (i.e. 3 or 7) should be read in as decimals (3,0 or 7,0).*

10. STABILITY AND REACTIVITY

10.1. **Reactivity:**

No data available.

10.2. **Chemical Stability**

Stable under recommended storage conditions.

10.3. **Possibility of Hazardous Reactions:**

No data available.

10.4. **Conditions to avoid.**

Direct sunlight. Extremely high or low temperatures.

10.5. **Incompatible materials**

Strong oxidizers. Strong bases.

10.6. **Hazardous Decomposition Products:** Other decomposition products - no data available

11. TOXICOLOGY INFORMATION

11.1. **Information On Toxicological Effects:**

11.1.1. **Acute Toxicity:**

Chemical name	Concentration %	LD50 Oral (mg/kg)	LD50 Dermal (mg/kg)	LC50 Inhalation (mg/l)
Glycine	100	7930	-	-

11.2. **Irritation/Corrosion**

11.2.1. *Eyes:* Not classified.

11.2.2. *Skin:* Not classified.

Sensitizer

11.2.3. *Skin:* Not classified.

11.2.4. *Respiratory:* Not classified.

11.3. **Mutagenicity:**

11.3.1. *Conclusion/Summary:* No data available.

11.4. **Carcinogenicity:**

11.4.1. *Conclusion/Summary:* No data available.

Reproductive toxicity:

11.4.2. *Conclusion/Summary:* No data available.

11.5. **Specific target organ toxicity (single exposure):** No data available.

11.6. **Specific target organ toxicity (repeated exposure):** No data available.

11.7. **Aspiration Hazard:** No data available.

12. ECOLOGICAL INFORMATION

12.1. **Toxicity**

Glycine [CAS No 56-40-6]:

LC50 (Fish): 5.15e+005 mg/L(ppm)

LC50 (Daphnid): 32749.543 mg/L(ppm)
EC50 (Green Alge): 93748.484 mg/L(ppm)

12.2. **Persistence and Degradability**

12.2.1. *Conclusion/Summary*: No data available

12.3. **Bioaccumulative potential**

No data available.

12.4. **Mobility In Soil**

12.4.1. *Soil/water partition coefficient (KOC)*: No data available.

12.4.2. *Mobility*: No data available.

12.5. **Result of PBT and vPvB Assessment:**

12.5.1. **PBT**: No

12.5.2. **vPvB**: No

12.6. **Other Adverse Effects:**

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

13.1. **Waste treatment methods**: Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. Avoid release to the environment.

14. TRANSPORT INFORMATION

ADR/RID

ADR/RID Class : -
UN Number : -
Packaging Group : -
Propper Shipping Name : Not dangerous good.

IMDG

IMDG Class : -
UN Number : -
Packaging Group : -
Propper Shipping Name : Not dangerous good.
Environmental Hazard : No.

ICAO/IATA

ICAO/IATA Class : -
UN Number : -
Packaging Group : -
Propper Shipping Name : Not dangerous good.

This product is not classified as a Dangerous Good by ADR/RID, IMDG or IACO/IATA criteria. No special transport conditions are necessary unless required by other regulations.

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1. **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

16. OTHER INFORMATION

Notice to Reader

The information contained herein is accurate to the latest knowledge and describes the product from the point of view of health and environmental protection as well as safe handling. The information presented in this SDS refers to the technical product only and will not apply to any processed product. Final determination of suitability of any materials is the sole responsibility of the user.