

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Glutaraldehyde Activator

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

1.1. Product Identifier

Product Name	: Glutaraldehyde Activator
Trademark	: Rosa-Chem GA ACT
Product Ref No	: 6016

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

It is used to increase alkaline pH and to increase sporicidal activity in high-level disinfection and sterilization processes with glutaraldehyde.

1.3. Detailers of the supplier of the safety data sheet:

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
34775 Ümraniye İstanbul TÜRKİYE
Telephone : +90 216 364 15 00
Fax : +90 216 314 15 69
E-mail : export@gb.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: Mixture

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

Not classified.

2.2. Label Elements

Labeling (Regulation (EC) No 1272/2008)

No labeling applicable.

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 %	REGULATION(EC) No 1272/2008
Disodium Hydrogen Phosphate	231-448-7	7558-79-4	4 < x < 6%	Not classified.

4. FIRST AID MEASURES

4.1. Description Of First Aid Measures

4.1.1. General Advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

4.1.2. Inhalation:

Move the person to fresh air. If not breathing, consult a physician.

4.1.3. Skin Contact:

Wash off with soap and plenty of water.

4.1.4. Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

4.1.5. Ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.1.6. Information for doctor:

No further relevant information is available.

5. FIREFIGHTING MEASURES

5.1. General Information:

The product itself is non-combustible.

5.2. Extinguishing Media:

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3. Special Hazards Arising From The Substance Or Mixtures:

Oxides of phosphorus

Sodium oxides

Not combustible.

Fire may cause the evolution of:

Oxides of phosphorus

Ambient fire may liberate hazardous vapors.

5.4. Advice for firefighters:

Use special masks and wear protective clothing during firefighting. Use an independent breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment And Emergency Procedures:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

6.2. Environmental precautions:

Do not let the product enter drains.

6.3. Methods and Materials for Containment and Cleaning Up:

Soak up with inert adsorbent material and dispose of it as hazardous waste. Keep in suitable, closed containers for disposal.

6.4. References To Other Sections

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:

For precautions see section 2.2..

7.2. Conditions for safe storage, including any incompatibilities:

Store in a cool place. Keep the container tightly closed in a dry and well-ventilated place. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. EXPOSURE CONTROLS/PERSONEL PROTECTION

8.1. Control Parameters Occupational Exposure Limits

No data available

8.2. Exposure Controls

Appropriate engineering controls. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.2.1. Individual Protection Measures:

8.2.1.1. Eye/face protection: Tightly fitting safety goggles. Face-shield

8.2.1.2. Hand Protections: Chemical-resistant, impervious gloves complying with an approved standard should be always worn when handling chemical products if a risk assessment indicates this is necessary. Wear suitable gloves tested to EN374.

8.2.1.3. Body Protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

8.2.1.4. Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

8.3. Environmental Exposure Controls: Prevent further leakage or spillage if safe to do so. Do not let the product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information On Basic Physical and Chemical Properties

Form	: Liquid
Odor	: Not determined.
Color	: Colorless
pH @ 25 °C (ca)	: 10,0 +/-0,5
Melting point/freezing point	: Not determined.
Flash point	: Not applicable.
Evaporation rate	: Not applicable.
Upper/Lower Flammability or explosive limits	: Not applicable.
Vapor pressure	: Not determined.
Density	: Not determined.
Solubility(ies)	: Soluble.
Viscosity	: Not applicable.
Explosive properties	: Not applicable.
Oxidizing properties	: Not applicable.
Decomposition temperature	: Not determined.

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

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous Decomposition Products:

No data available.

11. TOXICOLOGY INFORMATION

11.1. Information On Toxicological Effects:

11.1.1. Acute Toxicity:

Disodium Hydrogen Phosphate [CAS No 7558-79-4]:

LD50 Oral – Rat – > 2000 mg/kg

11.2. Irritation/Corrosion

11.2.1. Eyes: No data available

11.2.2. Skin: No data available

11.3. Sensitizer

11.3.1. Skin: No data available.

11.3.2. Respiratory: No data available

11.4. Mutagenicity:

11.4.1. Conclusion/Summary: No mutagenic effect.

11.5. Carcinogenicity:

11.5.1. Conclusion/Summary: No known significant effects or critical hazards.

11.6. Reproductive toxicity:

11.6.1. Conclusion/Summary: No known significant effects or critical hazards.

11.7. Specific target organ toxicity (single exposure): Not available.

11.8. Specific target organ toxicity (repeated exposure): Not available.

11.9. Aspiration Hazard: This information is not available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Disodium Hydrogen Phosphate [CAS No 7558-79-4]:

LC50/96 h Oncorhynchus mykiss (rainbow trout): > 100 mg/l

12.2. Persistence and Degradability

12.2.1. Conclusion/Summary: Easily soluble in the following materials: water, air.

12.3. Bioaccumulative potential

Not applicable.

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:

13.1.1. Product:

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable treatment. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

13.1.2. Packaging:

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

	ADR ³ /RID ⁴	ADNR ⁵	IMDG ⁶	ICAO ⁷ /IATA ⁸
UN/ID No.	-	-	-	-
PROPER SHIPPING NAME	Not dangerous goods	Not dangerous goods	Not dangerous goods	not restricted under IATA
CLASS	-	-	-	-
PACING GROUP	-	-	-	-
EmS			-	
ENVIRONMENTAL HAZARDOUS CLASSIFICATION CODE	-	-	no	-
LABEL	-	-	-	-

³ ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

⁴ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

⁵ ADNR: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

⁶ IMDG: International Maritime Code for Dangerous Goods

⁷ ICAO: International Civil Aviation Organization

⁸ IATA: International Air Transport Association.

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 help 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.