



Section 1. Product and Company Identification

Product Name Biosaccharide Gum-1
CAS Number Mixture

Parchem - fine & specialty chemicals

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EMERGENCY RESPONSE NUMBER
CHEMTEL

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All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.

Classification according to Directive 671548/EEC or Directive 1999145/EC: Not applicable.

GHS Label Elements

Pictograms: N/A

Signal word: N/A

Hazard and precautionary statements

Hazard Statements

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Hazard-determining components of labelling: Not applicable.

Hazard statements: Not applicable.

Precautionary statements: Not applicable.

Additional information: Safety data sheet available on request.

Other hazards: Not applicable.

Results of PBT and vPvB Assessment

PBT: Not applicable.

vPvB: Not applicable.

R- Phrases

R22 Harmful if swallowed.

R36 Irritating to eyes.



R41 Risk of serious damage to eyes.
R52153 Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Section 3. Composition / Information on Ingredients

Common Name Biosaccharide Gum-1
CAS Number Mixture

COMPONENT	CAS NUMBER	CONCENTRATION
2-Phenoxyethanol	122-99-6	0.6 – 1.0%
3-(2-ethylhexyloxy)propane-1,2-diol	70445-33-9	0.04 – 0.1%
Water	7732-18-5	96.40 – 98.36%
Biosaccharide Gum-1	178463-23-5	1.0 – 2.5%

Section 4. First Aid Measures

Description of first-aid measures

Inhalation: Supply fresh air; consult doctor in case of complaints.

Skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

Eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Ingestion: Rinse out mouth with water. If symptoms persist consult doctor. Never give anything by mouth to an unconscious person.

Information for doctor

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

Section 5. Firefighting Measures

Extinguishing media

Suitable extinguishing agents: CO₂, a powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: Wear fully protective suit. Mouth respiratory protective device.



Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Ensure adequate ventilation. Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid contact with eyes.

Environmental precautions: Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7. Handling and Storage

Handling

Precautions for safe handling: Keep receptacles tightly sealed. Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Avoid contact with eyes.

Information about fire and explosion protection: Normal measures for preventive fire protection.

Storage

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in a cool location. Store only in the original receptacle.

Information about storage in one common storage facility: Store away from foodstuffs. Store away from oxidizing agents.

Further information about storage conditions: Store in cool, dry conditions in well-sealed receptacles.

Section 8. Exposure Controls / Personal Protection

Additional information about design of technical facilities: No further data; see item 7.

Control Parameters

Ingredients with limit values that require monitoring at the workplace:

2-Phenoxyethanol (CAS# 122-99-6)

AGW (Germany)



Long-term value: 110 mg/m³, 20 ppm
2(1); DFG, H, Y

DNELs: Data not available.

PNECs: Data not available.

Additional information: The lists valid during the making were used as basis.

Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Suitable respiratory protective device recommended.

Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

Section 9. Physical and Chemical Properties

General Information

Appearance: Transparent Liquid

Color: Colorless to light-yellow

Odor: Light characteristic

Odor threshold: Not available

pH Value: 6.0 - 7.5

Change in condition

Melting point/Melting range: Not available

Freezing point: Not available

Boiling point/Boiling range: Not available

Flash point: Not available

Flammability (solid, gaseous): Product is not flammable



Auto-ignition temperature: Not available
Decomposition temperature: Not available
Self-igniting: Product is not self-igniting
Explosive properties: Product does not present an explosion hazard

Explosion limits

Lower: Not available
Upper: Not available

Oxidizing properties: Not available
Vapor pressure: Not available
Density: Not available
Relative density: Not available
Vapor density: Not available
Evaporation rate: Not available
Solubility in/Miscibility with water: Not available

Partition coefficient (n-Octanol/Water): Data not available.

Viscosity

Dynamic: Not available
Kinematic: Not available

Other information: No further relevant information available

Section 10. Stability and Reactivity

Reactivity: No decomposition if used according to specifications.
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: No dangerous reactions known.
Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

Section 11. Toxicological Information

Information on Toxicological Effects

Acute Toxicity

LD/LC50 values relevant for classification:

122-99-6 2-Phenoxyethanol

Oral LD50: 1260mg/kg (Rat)

Dermal LD50: 5000 mg/kg (Rabbit)



Primary irritant effect

on the skin: Irritating effect possible.

on the eye: Irritating effect possible.

Sensitization: Sensitization possible.

Toxicokinetics, metabolism, and distribution: No further relevant information available.

Acute effects (acute toxicity, irritation, and corrosivity): No further relevant information available.

Repeated dose toxicity: No further relevant information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): No further relevant information available.

Section 12. Ecological Information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information

General notes

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

UN Number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable



Environmental hazards

Marine pollutant: Not applicable

Special precautions for user: Not applicable

Transport in bulk according to Annex II of MARPOL73178 and the IBC Code: Not applicable.

UN "Model Regulation": N/A

Section 15. Regulatory Information

Safety, health, and environmental regulations/legislation specific for the substance or mixture

MAK (German Maximum Workplace Concentration): None of the ingredients is listed.

National regulations

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations

SVHC Candidate List of REACH Regulation Annex XIV Authorization (20/6/2013):

None of the ingredients is listed.

REACH Regulation Annex XVII Restriction (13/2/2013): None of the ingredients is listed.

REACH Regulation Annex XIV Authorization List (17/4/2013): None of the ingredients is listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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