



Section 1. Product and Company Identification

Product Name D-Glucuronolactone
CAS Number 32449-92-6

Parchem - fine & specialty chemicals
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CHEMTEL
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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

According to the criteria of chemical classification settled in <<Globally Harmonized System of Classification and Labeling of Chemicals>> (fifth revised edition), this product is not dangerous.

GHS Label Elements

Pictograms: N/A

Signal word: N/A

Hazard and precautionary statements

None

Section 3. Composition / Information on Ingredients

Common Name D-Glucuronolactone
CAS Number 32449-92-6

COMPONENT	CAS NUMBER	CONCENTRATION
D-Glucuronolactone	32449-92-6	99%

Section 4. First Aid Measures

Skin Contact: Take off the contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.



Section 5. Firefighting Measures

Hazardous products of combustion: Carbon oxides.

Extinguishing method: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6. Accidental Release Measures

Personal protective measures: Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental protective measures: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods for taking in and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Handling: Avoid formation of dust and aerosols.

Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8. Exposure Controls / Personal Protection

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

Respiratory protection: Use a full-face supplied air respirator.

Eye protection: Wear chemical goggles.

Hand Protection: Wear impervious chemical resistant gloves.

Body protection: Protective work clothing.

Section 9. Physical and Chemical Properties

Appearance and properties: White crystalline powder

Odor: No data available

Odor threshold: No data available

pH value: No data available

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point (closed cup): No data available

Evaporation Rate: No data available

Flammability: No data available

Upper explosive limit % (v/v): No data available

Lower explosive limit % (v/v): No data available

Vapor pressure (MPa): No data available

Vapor density (g/mL): No data available



Relative density (g/cm³): No data available
Solubility: No data available
Octanol / water partition coefficient: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Kinematic viscosity (mm²/s): No data available

Section 10. Stability and Reactivity

Reactive: No data available.
Chemical stability: Stable under the condition recommended.
Possibility of hazardous reactions: No data available.
Avoid conditions: No data available.
Incompatible materials: Strong oxidizing agents, strong reductant, strong bases, strong acids.
Hazardous decomposition products: No data available.

Section 11. Toxicological Information

Acute toxicity: D-GLUCURONOLACTONE: LD50 (rat,Oral) 10700mg/kg
Skin corrosion/irritation: Irritating to skin.
Serious eye damage/eye irritation: Causes severe eye irritation
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
Specific target organ toxicity - single exposure: No data available.
Specific target organ toxicity - repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12. Ecological Information

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No data 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

According to the criteria of chemical classification settled in <<UN Recommendations on the Transport of Dangerous Goods Model Regulations>> (Eighteenth revised edition), this substance is not dangerous.

Section 15. Regulatory Information

Component: D-glucuronolactone

CHINA: ✓

TSCA: ✓

ENCS: ✓

EINECS: ✓

Notes:

CHINA - China Inventory of Existing Chemical Substances (IECSC)

TSCA - United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)

ENCS - Japan Existing and New Chemical Substances (ENCS)

EINECS - European Inventory of Existing Commercial Chemical Substances (EINECS)

"✓" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

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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