

SAFETY DATA SHEET

Version 3.0 Revision Date 01.08.2024

**Material Safety Data Sheet
Dipotassium Glycyrrhizate msds**

Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the substance or preparation

Product Name : Dipotassium glycyrrhizinate
INCI Name : Dipotassium Glycyrrhizate
Synonym : Dipotassium Glycyrrhizinate Hydrate;
 Glycyrrhizic Acid Dipotassium Salt
CAS# : 68797-35-3
EINECS : 272-296-1

Company/undertaking identification

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Section 2: Hazards Identification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

Classification of the GHS

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)


PHYSICAL HAZARDS	Not classified
HEALTH HAZARDS	Not classified
ENVIRONMENTAL HAZARDS	Not classified

GHS label elements

Signal word Not classified

Hazard statement

Pictograms or hazard symbols Not classified

Precautionary Statements - Prevention	Wash hands thoroughly after handling	
Precautionary Statements - Response	IF exposed or concerned: Get medical advice/attention	
Hazards not otherwise classified (HNOC)		
Hazards not otherwise classified (HNOC)	Not applicable	
Other Information		
Unknown acute toxicity	100% of the mixture consists of ingredient(s) of unknown toxicity.	
NFPA Health hazards ◦ Flammability ◦ Stability ◦ Physical and chemical properties -		HMS Health hazards ◦ Flammability ◦ Physical hazards ◦ Personal protection -

Section 3: Composition and Information on Ingredients

Synonyms	: Glycyrrhizic Acid Dipotassium Salt Hydrate , Glycyrrhizin Dipotassium Salt Hydrate
Formula	: C ₄₂ H ₆₀ K ₂ O ₁₆
Molecular Weight	: 899.13 g/mol
CAS-No.	68797-35-3
EC-No.	272-296-1

Section 4: First Aid Measures

Eyes Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water maybe used. Do not use an eye ointment. Seek medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water maybe used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Ingestion	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Additional Information	Note to physician: Treat symptomatically.
Section 5: Fire Fighting Measures	
Suitable extinguishing media	
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	None.
Specific hazards arising from the chemical	
Specific hazards arising from the chemical	No information available.
Hazardous combustion products	Carbon oxides.
Explosion data	
Sensitivity to Mechanical Impact	No information available.
Sensitivity to Static Discharge	No information available.
Protective equipment and precautions for firefighters	
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Personal precautions	Ensure adequate ventilation, especially in confined areas.
Environmental precautions	
Environmental precautions	See Section 12 for additional Ecological Information.
Methods and material for containment and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature.

Incompatible materials None known based on information supplied.

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Guidelines

Appropriate engineering controls

Engineering Showers

Controls Eyewash stations

Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/ face protection Wear safety glasses with side shields (or goggles).

Skin and Body Wear protective gloves and protective clothing.

Protection

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators maybe required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Handle in accordance with good industrial hygiene and safety practice.

Considerations

Section 9: Physical and Chemical Properties

Appearance

Form : Solid

Color : White to pale yellow

Odor : Not available

pH value (1% solution) : 3.5-6.0

Boiling Point: no data available

Melting Point: Not available

Critical Temperature: Not available.

Specific Gravity: Not available.

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Solubility in water: Not available

Section 10: Stability and Reactivity

Stability: Stable under recommended storage conditions.

Instability Temperature: Not available.

Materials to avoid: Strong oxidizing agents

Incompatibility with various substances: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Hazardous Decomposition: Carbon monoxide, Carbon dioxide

Polymerization: No.

Section 11: Toxicological Information

Type of study results species

OralLD(50)>2000mg/kg Rat

Section 12: Ecological Information

Ecological Toxicity:

Not expected to be ecotoxic

ENVIRONMENTAL FATE

Readily and rapidly degradable: all individual organic substances contained in the product achieved values in tests for ready biodegradability of at least 60% BOD/COD or 70% DOC reduction (tolerance value for classification as “readily biodegradable”)

Section 13: Disposal Considerations
Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information
DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Section 15: Regulatory Information

EINECS: This product is on the European Inventory of Existing commercial Chemical Substances.

TSCA INVENTORY STATUS:

This product is excluded pursuant to Section 3(2)(B)(vi) of the Toxic Substances Control Act.

TSCA 12(b) COMPONENTS:

None

SARA 311/312 Hazard categories: None

SARA 313 TOXIC CHEMICALS:

None

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES:

None

CERCLE HAZARDOUS SUBSTANCES:

None

CALIFORNIA PROPOSITION 65 COMPONENTS:

None

Section 16: Other Information

Other Special Considerations: Not available.

Disclaimer

The information above is based on our present knowledge. However, no representation, warranty or guarantee of any kind,

express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

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