



MATERIAL SAFETY DATA SHEET

Section 1 Description

Product Name	Dipotassium Glycyrrhizinate
Manufacturer/Supplier	Plamed Green Science Group
Address	69# Jinye Rd., High-Tech Zone, Xi'an, P. R. China.
Phone Number	+ 86-29-88215350

Section 2 Ingredients/Identity Information

Chemical name	Common names and synonyms	CAS number	Concentration
Glycyrrhizic Acid Dipotassium Salt Hydrate	Glycyrrhizic Acid Dipotassium Salt Hydrate	68797-35-3	98%

Section 3 Hazards Identification

- Classification of the substance or mixture: Not classified.
- GHS label elements, including precautionary statements

Pictogram(s): No symbol.

Signal word: No signal word

Hazard statement(s): none

Precautionary statement(s): none

Response: none

Storage: none

Disposal: none

- Other hazards which do not result in classification: none

Section 4 First Aid Measures

- Description of necessary first-aid measures

General advice

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



If inhaled

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

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

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

If swallowed

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

- Most important symptoms/effects, acute and delayed: no data available
- Indication of immediate medical attention and special treatment needed, if necessary: no data available

Section 5 Fire-fighting Measures

- Extinguishing media

Suitable extinguishing media. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

- Specific hazards arising from the chemical: no data available
- Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary

Section 6 Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

- Environmental precautions



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

- Methods and materials for containment and cleaning up

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

- Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

- Conditions for safe storage, including any incompatibilities

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

Section 8 Exposure Controls, Personal Protection

- Control parameters

Occupational Exposure limit values: no data available

Biological limit values: no data available

- Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

- Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching



glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

Wear dust mask when handling large quantities.

Thermal hazards: no data available

Section 9 Physical and Chemical Properties

Physical state white crystalline powder

Color no data available

Odor no data available

Melting point/ freezing point 250 °C(dec.)(lit.)

Boiling point or initial boiling 100 °C
point and boiling range

Flammability no data available

Lower and upper explosion no data available
limit / flammability limit

Flash point 0 °C(lit.)

Auto-ignition temperature no data available

Decomposition temperature no data available

pH no data available

Kinematic viscosity no data available

Solubility no data available

Partition coefficient no data available
n-octanol/water (log value)



Vapor pressure no data available

Density and/or relative density no data available

Relative vapor density no data available

Particle characteristics no data available

Section 10 Stability and Reactivity

Reactivity: no data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: no data available

Conditions to avoid: no data available

Incompatible materials: no data available

Hazardous decomposition products: no data available

Section 11 Toxicological Information

Acute toxicity

Oral: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

STOT-single exposure: no data available

STOT-repeated exposure: no data available

Aspiration hazard: no data available

Section 12 Ecological Information



- Toxicity

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: 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

Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

Section 14 Transport Information

- UN Number

ADR/RID: UN1993

IMDG: UN1993

IATA: UN1993

- UN Proper Shipping Name

ADR/RID: FLAMMABLE LIQUID, N.O.S.

IMDG: FLAMMABLE LIQUID, N.O.S.



Vietnam National Chemical Inventory	Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)	Listed.

Section 16 Other Information

Information on revision

Creation Date Aug. 12, 2017

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