



SHIFANG ANDA CHEMICALS CO., LTD.

HEXING VILLAGE, NANQUAN TOWN, SHIFANG CITY, SICHUAN, CHINA

TEL: +868388462221

FAX: +868388462555

MATERIAL SAFETY DATA SHEET

1. Chemical product and company Information

SHIFANG ANDA CHEMICALS CO.,LTD.

Nongke Village,Nanquan Town,Shifang City, 618413, Sichuan , China

2.Composition / Information on ingredients

2.1 Common name or chemical name or generic name :Liquid fertilizers

2.2 Synonyms (if any):Medium element liquid fertilizers

2.3 Ingredients contributing to the hazard : Nil

2.4 Chemical nature: Calcium & Magnesium & Sugar Alcohol & Amino Acid

2.5 Components contributing to the hazard or impurities contributing to the hazard : Nil

2.6 Concentration or Concentration range 40.5%MIN

2.7 Classification and hazard labeling of components or impurities Nil

3 Hazards identification

3.1 Adverse human health effects

3.2 The product is considered to be practically non-toxic to people's health.

3.3 Environmental effects Nil

3.4 Physical and chemical hazards Nil

3.5 Specific hazards Nil

3.6 Main symptoms Nil

3.7 Classification of the product Nil

3.8 Emergency overview Nil

4.First – aid measures

4.1 Inhalation : Remove affected person to fresh air. Seek medical attention if effects persist.

4.2Skin contact : Wash affected skin with soap and water.

4.3Eye contact : Rinse affected eyes thoroughly under running water for 15 minutes with eyelids held open. Seek specialist advice.

4.4Ingestion : Drink 1-3 glasses of water and seek medical attention.

4.5Important symptoms(detail of effects should be given under heading 11)

4.6Protection of first-aiders : Ensure an eye bath and safety shower are available and ready for use.

4.7Notes to a physician : Treat symptomatically based on judgement of doctor and individual reactions of patient.



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5. Fire – fighting measures

5.1 Extinguishing media : No flame, and can be used in extinguishing fire.

Specific hazards : Nil

5.2 Specific method : Nil

5.3 Protection of firefighters : Should wear protective clothing

6. Accidental release measures

6.1 Personal precautions Nil

6.2 Environmental precautions Nil

6.3 Methods for cleaning up : Wash with soap and water.

7. Handling and storage

7.1 Handling

-Technical measures (prevention of user exposure and prevention of fire and explosion) Nil

-Precautions for safe handling of the chemical product Nil

-Safe handling advice

7.2 Storage

-Technical measures and storage conditions

Ensure adequate ventilation when handling. Must be stored under dry conditions. Avoid the sun and rain at transportation.

8. Exposure controls/Personal protection

8.1 Engineering measures to reduce exposure Nil

8.2 Control parameters Nil

8.3 Personal protective equipment

-respiratory protection No available

-hand protection Gloves

-eye protection No available

-skin and body protection No available

8.4 Hygiene measures : Wash hands after work breaks.

9. Physical and chemical properties

9.1 Physical state (Form, Colour, Odour etc.)

White crystal free-flowing powder without odour.

9.2 pH, with indication of concentration PH 6-7 (1% solu)

9.3 Specific temperatures/temperature ranges at which change in physical stage occur

Boiling Point : Nil



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- 9.4 Decomposition temperature : Nil
- 9.5 Explosion properties & Flash point : Nil
- 9.6 Vapour pressure Nil
- 9.7 Vapour density Nil
- 9.8 Density 408g/l
- 9.9 Solubility Total Soluble
- 9.10 Octanol/ Water Partition Coefficient Nil

10. Stability and reactivity

- 10.1 Condition to avoid Nil
- 10.2 Materials to avoid Nil
- 10.3 Hazardous decomposition products Nil

11. Toxicological Information

- 11.1 Acute toxicity Nil
- 11.2 Local effects Nil
- 11.3 Sensitization Nil
- 11.4 Chronic toxicity Nil
- 11.5 Long term toxicity Nil
- 11.6 Specific effects : Calcium 15% Magnesium 3%
Sugar Alcohol 20% Amino Acid 2.5%

11.7 Information according to the different exposure route

-inhalation : No dust, and no odour, therefore no easily inhalation.

-skin contact :Contact with skin is not expected to cause irritation.

-eye contact :No dust and the light will be not easily contact.

-ingestion : The product is considered to be practically non-toxic by ingestion.

12. Ecological information

- 12.1 Mobility : No available.
- 12.2 Persistence/ Degradability: No available
- 12.3 Bioaccumulation Nil
- 12.4 Environmental impact/ Ecotoxicity Nil

13. Disposal consideration

- 13.1 Waste from residues
- 13.2 Contaminated packaging

Dispose of waste by landfill in accordance with all local, State and Federal



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regulations at an approved waste disposal facility.

14. Transport information (Code and classifications)

14.1 International regulations

-Land (RID/ADR, DOT 49 CIF) Nil

-International waterways (AND) Nil

-Sea (IMDG-Code) : Nil

-Air (TMDG-Code) : Nil

14.2 UN Number : Nil

14.3 Specific precautionary transport measures and conditions: Avoid the sun and rain.

Keep containers closed in a cool place.

15 Regulatory information

15.1 Regulation specifically applicable to the chemical product : Nil

15.2 Hazard and safety information as written on the label Nil

16. Other information

1. ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road. Nil

2. RID : Regulation Concerning the International Carriage of Dangerous Good by Rail.
Nil

3. IMDG-CODE : The International Maritime Dangerous Goods Code Nil

4. LATA : International Air Transport Association Nil

The information and recommendations set forth herein are based on data we have in our possession and we have reason to believe is accurate. It is, however, the user's responsibility for his own use of the herein described product. Because the actual by others is beyond our control, ALFA FULL, makes no warranty expressed or implied regarding accuracy of the data or the results to be obtained from the use thereof.