

物質安全資料表(MSDS)

1. Identification of Substance /Preparation and Company

- 1.1 Product Name: Ag-500
1.2 Another Name: —
1.3 Recommend Usage: —
1.4 Information of Manufacturer or Supplier :
GRACESS INTERNATIONAL CO., LTD. /
29F-3, No. 86, Sec. 1, Beixin Rd., Xindian Dist., New Taipei City 231003, Taiwan /+886-2-2673-3998
1.5 Emergency Phone/Fax: +886-2-2673-3998 /+886-2-2673-3995

2. Hazards Identification data

Other hazard: no information

3. Composition/ Information of Ingredients

Hazardous substances (%): None		
Materials name	CAS NO.	%
Silver	7440-22-4	-
Water	7732-18-5	-

4. First Aid measure

- 4.1 First aid methods:
Inhalation: Offer oxygen if breathing is difficult. If not breathing, provide artificial respiration, and seek medical advice as soon as possible.
Skin: Flush with water.
Eyes:
1. Do not allow patients to rub their eyes or close their eyes.
2. Immediately rinse with water.
4.2 The most harmful effect:: —
4.3 Protection of first-aid person: Same as above
4.4 Suggestion to doctors: Same as above

5. Fire fighting measure

- 5.1 Suitable Extinguishing Agents: Nonflammable
5.2 Special hazards: -
5.3 Special fire fighting procedures: -
5.4 Special protective equipment for firefighters: -

6. Accidental release measures

- 6.1 Personal precaution: Avoid eye contact.
6.2 Environmental precautions: -
6.3 Cleaning method: Flush with plenty of water

7. Handling and Storage

7.1 Handling:

1. Avoid contact with eyes and wear masks during operation.
2. All containers must be clearly marked
3. The container must be sealed when not in use

7.2 Storage:

1. Should be stored in a cool, dry and well-ventilated place, away from incompatible materials.
2. Avoid direct sunlight.
3. Make sure the packaging seal is tight.

8. Exposure Controls

8.1 Engineering controls: -

8.2 Controls parameter:

PC-TWA/PC-STEL/PC-MAC: -/ -/ -/ -

8.3 Personal protective equipment:

- Respirator: —
- Hand protection: Safety glove.
- Eye protection: 1. Safety goggle. 2. Do not wear contact lenses.
- Skin:—

8.4 Health measure:

1. Wearing clean clothes during work to avoid contamination of the material. After washing, they can be worn or discarded.
2. No smoking or eating in the workplace.
3. After handling this object, wash hands thoroughly.

9. Physical and Chemical Properties

- | | | | |
|------------------------------|---|--------------------------------------|-------|
| • Appearance: | Transparent colorless ~ light yellow liquid | • Odor: | - |
| • Olfactory threshold: | - | • Melting point: | - |
| • PH value: | 9~11 | • Boiling point/boiling point range: | 102°C |
| • Inflammability: | - | • Flash point: | - |
| • Decomposition | - | • Test Methods: | / |
| • Self-ignition temperature: | - | • Explosion limit: | - |
| • Vapor density: | - | • Vapor density: | - |
| • Density: | 1.01(water=1) | • Solubility: | - |

10. Stability and Reactivity

10.1 Stability: Stable under normal conditions

10.2 Hazardous reactions under special conditions: -

10.3 Conditions to avoid: -

10.4 Substances to avoid: NaCl,S8,H2O2

10.5 Hazardous decomposition: -

11. Toxicological Information

11.1 Acute toxicology: -

LD50(test animals, absorption routes): —

LC50(test animals, absorption routes): —

11.2 Local effect: /

11.3 Sensitization: /

11.4 Chronic toxicity/ long-term toxicity: —

11.5 Special effect: —

12. Ecological Information

12.1 Ecotoxicity: LC50(Fish): -

EC50 (aquatic invertebrates): -

Bioconcentration factor (BCF): -

12.2 Persistence and degradability: -

12.3 Bioaccumulation: -

12.4 Mobility in soil: -

12.5 Other adverse effects: -

13. Disposal Considerations

Disposal method: Dispose in accordance with current regulations

14. Transport Information

14.1 International transport regulate: Substances not regulated by the United Nations

14.2 UN-number:

Transport hazard classification: Substances not regulated by the United Nations

1. Maritime transport: The international maritime code for the transportation of dangerous goods by sea is not listed as a standard for dangerous goods.

2. Air transportation: Dangerous goods standards not listed as IATA dangerous goods transport regulations.

14.3 Packing category: Bottle / Drum

14.4 Marine pollutant (yes or no): no

14.5 Special transport way and precaution: -

15. Regulatory Information

Suitable regulations:

15.1 Labor Safety and Sanitation Rules.

15.2 General Rules for Hazardous and Hazardous Materials.

15.3 Standard for allowable concentration of harmful substances in the air of labor operation environment.

15.4 Road traffic safety rules.

15.5 Business waste storage and removal methods and facility standards.

16. Other Information

	GRACESS INTERNATIONAL CO., LTD.
Form Maker	29F-3, No. 86, Sec. 1, Beixin Rd., Xindian Dist., New Taipei City 231003, Taiwan /+886-2-2673-3998
Date	20/03/2021

LIMITED WARRANTY INFORMATION – PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
- We reserve the right to alter product constants within the scope of technical progress or new developments.
- The recommendations made in this brochure should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used.
- The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights or patents and, if necessary, clarifying the position.
- Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.
- We disclaim any responsibility for any dispute regarding product quality between agent and end user.
- Our sole warranty is that our products will meet the sales specifications in effect at the time of shipment.