

物質安全資料表(MSDS)

1 · Identification Of The Substance / Preparation And Company

1.1 Product Information: P-100

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. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation : Anionic water-soluble polymer

3.HAZARDS IDENTIFICATION

Aqueous solutions or powders that become wet render surfaces extremely slippery.

4. FIRST AID MEASURES

4.1 Inhalation : Move to fresh air

4.2 Skin contact : Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult

4.3 Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.

4.4 Ingestion : The product is not considered toxic based on studies on laboratory animals.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media: Water, water spray, foam, dry powder, carbon dioxide(CO₂)

5.2 Special fire-fighting precautions : Aqueous solutions or powders that become wet render surfaces extremely slippery.

5.3 Special protective equipment for firefighters : No special protective equipment required.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions : No special precautions required.

6.2 Environmental precautions : Do not contaminate water.

6.3 Methods for cleaning up : Do not flush with water.

Clean up promptly by scoop or vacuum.

Keep in suitable and closed containers for disposal.

After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

7.1 Handling :Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust.

Wash hands before breaks and at the end of workday.

7.2 Storage : Keep in a dry, cool place (0~35°C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Engineering measures to reduce exposure : Use local exhaust if dusting occurs. Natural ventilation is
- 8.2 Personal protection equipment:-
- 8.3 Respiratory protection : Dust safety masks are recommended where concentration of total dust is more
- 8.4 Hand protection : Rubber gloves.
- 8.5 Eye protection : Safety glasses with side-shields. Do not wear contact lenses.
- 8.6 Skin and body protection : Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.
- 8.7 Hygiene measures : Wash hands before breaks and at the end of workday.

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|------------------------|----------------|-----------------------------------|-------------------------|
| • Form : | granular solid | • Autoignition temperature (°C) : | Not applicable |
| • Color : | white | • Vapor pressure (mmHg) : | Not applicable |
| • Odor : | none | • Bulk density : | See Technical Bulletin. |
| • pH : | 6~8 (0.1%) | • Water solubility: | See Technical Bulletin. |
| • Melting point (°C) : | Not applicable | • Viscosity (mPa.s): | See Technical Bulletin. |
| • Flash point (°C) : | Not applicable | | |

10. STABILITY AND REACTIVITY

- 10.1 Stability : Product is stable ,no hazardous polymerization will occur.
- 10.2 Materials to avoid : Oxidizing agents may cause exothermic reactions.
- 10.3 Hazardous decomposition products: Thermal decomposition may produce: nitrogen oxides (NO_x), carbon oxides.

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicology

Oral : LD 50/oral/rat > 5000 mg/kg

Dermal : The result of testing on rabbits showed this material to be non-toxic even at high dose levels.

11.2 Irritation

Skin : The results of testing on rabbits showed this material to be non-irritating to the skin.

Eyes : Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory

Sensitization : The result of testing on guinea pigs showed this material to be non-sensitizing

12. ECOLOGICAL INFORMATION

- 12.1 Fish : LC 50/Fathead minnows/96h > 1000 mg/l
- 12.2 Algae : EC 50/Selenastrum capricornutum/96h > 500 mg/l
- 12.3 Bioaccumulation : The product is not expected to bioaccumulate.
- 12.4 Persistence / degradability : Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations.

14. TRANSPORT INFORMATION

Remarks : Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

This product is not a hazardous article and need not to be labelled according to EC-Directives as amended.

Inventory status :-

16. Other

GRACESS INTERNATIONAL CO., LTD.

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/+886-2-2673-3998

Date 10/06/2022

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.