

## 物質安全資料表(MSDS)

### 1. Identification of Substance /Preparation and Company

- 1.1 Product Name : Antistatic Agent ASA-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: (02)26973-3998/(02)2673-3995

### 2. Hazard Identification Data

- 2.1 Hazard classification:-
- 2.2 Hazard alarm: irritant to skin
- 2.3 Hazard preventive measure: -
- 2.4 Other hazard: -

### 3. Composition/ Information of Ingredients

English name:		
Hazards name	Concentration (%)	Classification
P.O.E. Alkyl Phosphate	100%	-

### 4. First Aid measure

- 4.1 Inhalation: No need first aid.  
Skin:take off contaminated clothes and flush with water. Get medical attention if symptom is continuous.  
Eye:Immediate flush eyes with water for at least 15 minutes and get medical care.  
Swallowing: drink water and get medical attention.
- 4.2 The most harmful effect:-
- 4.3 Protection of first-aid person: -
- 4.4 Suggestion to doctors: -

### 5. Fire Fighting Measure

- 5.1 Suitable extinguishing media: water mist, foam, dry powder, CO<sub>2</sub>
- 5.2 Special hazards from fire fight: none
- 5.3 Special fire measure: none
- 5.4 Special fire measure of fire fighter: none

## 6. Accidental release measures

- 6.1 Person precaution: wear safety glass and chemical protective glove.
- 6.2 Environment attention: forbid into river
- 6.3 Cleaning method: collect the release with absorbent such as soil and sand into suitable containers with small release. If the release is large embank the release and collect it into closed containers.

## 7. HANDLING AND STRAGE

- 7.1 Handling:  
 Eye: safety glass  
 Hand: chemical protective glove.
- 7.2 Storage: Avoid direct sunlight. Store at cool and ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 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: safety goggle  
 Skin and body protection: long sleeve clothes
- 8.4 Health measure: 1. No smoking and food. 2. keep work place clean.

## 9. Physical and Chemical Properties

- |                               |             |                       |                      |
|-------------------------------|-------------|-----------------------|----------------------|
| • Physical State:             | transparent | • Molecular Mass(%) : | /                    |
| • Color :                     | transparent | • Odor :              | Mild                 |
| • pH (1%) :                   | 1.5±0.5     | • Boiling Point :     | /                    |
| • Decomposition Temperature : | /           | • Flash Point(°C):    | /                    |
| • Auto-Ignition Temperature : | /           | • Explosive Limits:   | /                    |
| • Vapor Pressure :            | /           | • Vapor Density :     | /                    |
| • Proportion (30°C) :         | /           | • Solubility :        | soluble in hot water |

## 10. Stability and Reactivity

- 10.1 Stability: Stable under normal condition.
- 10.2 Possibility of hazardous reactions: No data available.
- 10.3 Conditions to avoid: No data available.
- 10.4 Incompatible materials: strong alkali
- 10.5 Hazardous Decomposition Products: -

## 11. Toxicological Information

- 11.1 Acute toxicology:-
- 11.2 Local effect:irritant to skin
- 11.3 Symptoms: -
- 11.4 Chronic toxicity/ long-term toxicity: -
- 11.5 Special effect: -

## 12. Ecological Information

Environmental influence: -

## 13. DISPOSAL CONSIDERATIONS

Disposal Information:

Burn in adequate incinerator or bury in landfill in accordance with applicable regulations.

## 14. TRANSPORT INFORMATION

- 14.1 International transport regulate:-
- 14.2 UN-number:1902
- 14.3 Transport classification:-
- 14.4 Special transport way and precaution: -

## 15. Regulatory information

Regulation Reference.: /

## 16. Other

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### 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.
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