

## 物質安全資料表(MSDS)

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

- 1.1 Product Name : Defoamer CD-1149MS
- 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.Hazard Identification Data

- 2.1 Hazard Classification : -
- 2.2 Label : -  
Symbol : -  
Caution : -  
Hazard Warning : -  
Acute Symptom :  
Eye : -  
Skin : -  
Inhalation : -  
Swallow : -  
Long term exposure symptom: -  
Skin : -  
Inhalation : -  
Swallow : -
- 2.3 Other Hazards : -

### 3. Composition/ Information of Ingredients

Mixture : -		
Chemical name	CAS Number	%
Polydimethylsiloxane, PDMS	63148-62-9	14~16
Oleic acid, ethoxylated	9004-96-0	14~16
Water	7732-18-5	69~71

### 4. First Aid Measure

#### 4.1 First aid measure:

Inhalation: Immediately move the patient to fresh air, rest, maintain a position favorable to breathing, and seek medical treatment.

Skin: Remove contaminated clothing immediately and rinse skin thoroughly with plenty of soap and water. Wash contaminated clothing before reuse.

Eyes: Flush eyes with plenty of water for 15 minutes and get medical attention.

Contact lens wearers should remove contact lenses after flushing for 5 minutes and then continue flushing eyes.

Ingestion: drink lots of water or common saltwater 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: 1. chemical dry powder 2. Foam 3. water spray 4. CO2 5. Sand

5.2 Special hazards from fire fight: Carbon monoxide may be generated when incomplete combustion.

5.3 Special fire fighting procedures: Firefighters must wear a breathing apparatus and protective clothing. Fight fire in the upwind direction. Move the container from the fire to the open space as much as possible. Ventilate the place after a fire. Isolate the scene of the accident and prohibit unrelated personnel from entering. Contain and handle fire fighting water to prevent environmental pollution.

5.4 Special fire measure of fire fighter: no data available

## 6. Accidental release measure

6.1 Personal precaution: It is recommended that emergency personnel wear appropriate respirator protective masks, appropriate protective clothing, and rubber oil-resistant gloves. Do not touch spillage. Cut off the source of the leak if possible. Eliminate all ignition sources.

6.2 Environmental precautions: Contain spills and avoid polluting the environment. Prevent spills from entering sewers, surface water and groundwater.

6.3 Cleaning method: Small leaks: Collect leaking liquid in clean containers if possible. Absorb with sand, activated carbon or other inert materials and transfer to a safe place. Do not rush into the sewer.  
Large spills: build dikes or dig pits for containment. Seal the drainage pipe. Transfer it to a tank truck or a special collection container with a pump and recycle or transport it to a waste disposal site for disposal.

## 7. Handling and storage

7.1 Handling: Operators must be specially trained and strictly follow the operating procedures. Operation and disposal should be carried out in a place with local ventilation or full ventilation. Avoid contact with eyes and skin. Avoid breathing vapor. Keep away from fire and heat sources. Equipped with the corresponding variety and quantity of fire fighting equipment and leakage emergency treatment equipment.

7.2 Storage: Store in a dry, cool, well-ventilated place. It is recommended to store in the original container and keep the container tightly closed. Keep away from open flames, sparks, or hot surfaces. Avoid direct sunlight. It should be stored separately from oxidants, strong acids and strong bases.

## 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: ventilated equipment

Hand protection: safety glove

Eye protection: safety goggle

Skin and body protection: clothing, work boots

8.4 Health measure: Wash after handling, especially before smoking and eating.

## 9. Physical and chemical properties

- Appearance : Liquid
- Color : Milky white
- Odor : Mild odor
- Flash Point : >94°C ( Closed cup )  
>300°C ( Opened cup )
- Flammability(Solid, Gas ) :
- Decomposition temperature :
- Autoignition temperature :
- Vapor pressure ( 25°C ) :
- Proportion :
- Solid content (%) :
- Ionicity:
- PH value : 6~9
- Boiling Point/Boiling Range : >100°C
- Explosion limits :
- Vapor density :
- Solubility : Dispersible in water
- Chemical reactivity :
- Evaporation Rate :

## 10. Stability and Reactivity

- 10.1 Stability: stable
- 10.2 Hazardous reactions under special conditions: -
- 10.3 Avoidance: -
- 10.4 Avoidant materials: Oxidant
- 10.5 Hazard decomposition: --

## 11. Toxicological Information

- 11.1 Exposure routes: eyes and skin
- 11.2 Symptom:  
Eye: Eye contact may cause eye irritation.  
Skin: May cause slight irritation.
- 11.3 Acute toxicity: --
- 11.4 Chronic or long-term toxicity: --

## 12. Ecological Information

- 12.1 Ecotoxicity: -
- 12.2 Persistence and interpretation: --
- 12.3 Bioaccumulation: --
- 12.4 Mobility in soil: --
- 12.5 Other adverse effects: --

## 13. Disposal Considerations

- 13.1 Recycle as much as possible. Do not dispose of this product by discharging it to the sewer.
- 13.2 Wash with appropriate cleaning agent, return the container to the manufacturer or dispose in accordance with national or local regulations.

## 14. Transport Information

- 14.1 UN-number: IATA not restricted.
- 14.2 International transport classification: -
- 14.3 Classification of transport hazards: Not included in [Dangerous Goods Name List]
- 14.4 Package classification: -

14.5 Marine pollutant (yes or no): -

14.6 Special transport way and precaution: Transported according to non-toxic and non-hazardous chemicals. The transportation vehicle should be equipped with the corresponding variety and quantity of fire fighting equipment and leakage emergency treatment equipment. During transportation, ensure that the container does not leak, collapse, fall, or damage. Strictly mixed with oxidants and edible chemicals. During transportation, it should be protected from direct sunlight, rain and high temperature. Stay away from fire and heat sources during stopovers. The vehicle should be thoroughly cleaned after transportation.

## 15. Regulatory Information

The regulations for the safe use of chemicals in the workplace [(1996) Ministry of Labor issued No. 423] have made corresponding provisions for the safe use, production, storage, transportation, loading and unloading of dangerous chemicals.

## 16. Other Information

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Date 08/Nov/2022

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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.
- 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.
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- 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.