

## 物質安全資料表(MSDS)

### 1. Identification Of The Substance / Preparation And Company

- 1.1 Product Information: NF-3069N
- 1.2 Another name : Non- fluorine water repellent agent
- 1.3 Recommend usage : Textile finishing auxiliaries
- 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

- 2.1 Hazard classification: -
- 2.2 Label: -  
Symbol: -  
Caution: -  
Hazard precaution measure :  
1. May cause irritation to respiratory system.  
2. Avoid contacting eyes and skin. Do not inhale the vapor.
- 2.3 Other hazard: -

### 3. Identification data

Mixture: -

English name: Water Repellent Agent		
Materials name	CAS Number	%
Octadecyl Acrylate	4813-57-4	27-28
N-METHYLURETHANE	105-40-8	2-3
Water	7732-18-5	70

### 4. First aid measure

- 4.1 First aid measure:  
Inhalation: move to fresh air and get medical attention.  
Skin: flush with water.  
Eyes: flush eyes with plenty of water for 15 minutes and get medical attention.  
Ingestion: get medical attention.
- 4.2 The most harmful effect:-
- 4.3 Protection of first-aid person: -
- 4.4 Suggestion to doctors: symptomatic treatment.

### 5. Fire fighting measure

- 5.1 Suitable extinguishing agent: 1. Carbon dioxide extinguishing 2. Chemical powder 3. Water 4. Foam
- 5.2 Special fire measure: may generate CO, CO<sub>2</sub> and NO<sub>x</sub> under combustion. May generate other toxic gas under other inflamed condition.
- 5.3 Special fire measure:  
Timely evacuate and isolate crowd. By trained professionals to put out the fire.

Try to move containers to spacious space. Fire extinguishing should be in the upwind to avoid contact with harmful steam and toxic decomposition products. Take measures to prevent the substance and fire effluent from entering streams or water systems.

5.4 Special protective equipment to firefighters: Fire extinguishers must wear full pressure self-contained breathing apparatus.

## 6. Accidental release measure:

6.1 Personal precaution: Wear appropriate personal protective equipment and ensure proper ventilation

6.2 Environmental precautions: forbid into river and drain.

6.3 Cleaning method: Use suitable absorbent to clean the waste; (ex: sand, sawdust) and clean with water.

## 7. Handling and storage:

7.1 Handling: Use only in well-ventilated areas.

7.2 Storage: storage and container requirement: use polyolefin container

Storage environment: keep away from oxidant and avoid frost.

Keep the container sealed

## 8. Exposure controls/personal protection

8.1 Engineering Control: Use ventilated equipment.

8.2 Controls parameter:

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

8.3 Respiratory System Protection:

Respirator: wear appropriate respiratory apparatus under unventilated place.

Hand protection: safety glove

Eye protection: safety goggle

Skin and body protection: protective clothing · rubber boots.

8.4 Hygiene Procedure : follow general chemical precaution method.

## 9. Physical and chemical properties

• Appearance:	liquid	• Solid content (%):	---
• Color:	milky-white	• PH value:	4.0-6.0
• Odor:	special odor	• Melting point:	—
• Ionic charge:	cationic	• Boiling point:	—
• Flammability ( solid 、 gas ) :	—	• Explosive Limits:	—
• Decomposition temperature:	—	• Vapor density:	—
• Auto-ignition temperature:	—	• Solubility:	disperse in water
• Vapor pressure:	—	• Chemical Reaction:	—
• Proportion:	—	• Evaporation Rate:	—
• log Kow:	—	• Flash Point(°C) :	>65°C

## 10. Stability and activity

10.1 Stability: stable

10.2 Avoidance: none

10.3 Hazard polymerization: -

10.4 Avoidant materials: strong oxidant

10.5 Hazard decomposition: CO 、 CO<sub>2</sub> 、 NO<sub>x</sub>

## 11. Toxicological information

- 11.1 Acute toxicity(Oral) : —
- 11.2 Acute toxicity(Inhalation) : none
- 11.3 Carcinogenicity : No specific information available
- 11.4 Chronic toxicity/ long-term toxicity : -

## 12. Ecological information:

- 12.1 Fish toxicity : -
- 12.2 Degradation : -
- 12.3 Remarks : -

## 13. Disposal considerations:

- 13.1 Collect all the waste, and do not dispose the waste into the sewer.
- 13.2 Clean the contaminated packing with cleaner. Dispose the packing under related regulation of local authorities.

## 14. Transport Information

- 14.1 International transport regulate: -
- 14.2 UN-number: -
- 14.3 Native transport name: -
- 14.4 Transport classification: non-dangerous goods
- 14.5 Package classification: -
- 14.6 Marine pollutant (yes or no): -
- 14.7 Special transport way and precaution: -

## 15. Regulation

Suitable regulations:

GB13690-2009 : Chemical Classification and Hazard Standard

GB 6944-2012 : Hazard Commodity Classification and Code of Dangerous Goods.

## 16. Other

	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
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