

# Material Safety Data Sheet

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

Product Information: SOAPING-588		
Another name: -		
Recommend usage: T/C use soaping agent		
Producer/Supplier Address : GRACESS INTERNATIONAL CO., LTD. / 29F-3, No. 86, Sec. 1, Beixin Rd., Xindian Dist., New Taipei City 231003, Taiwan		
Emergency Phone: +886-2-2673-3998	Fax: +886-2-2673-3995	

## 2. Hazards Identification data

<p>Signs and symptoms of overexposure</p> <p>Ingestion: may cause irritation to the stomach.</p> <p>Causes skin irritation.</p> <p>Inhalation: irritates respiratory passages very slightly.</p> <p>Causes eye irritation.</p> <p>Chronic toxicity: based on available information, There is no evidence of adverse effects of similar substances</p> <p>Other health hazard information: based on available information There is no evidence of adverse effects of similar substances.</p>
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## 3. Identification data

Substance / Mixture	mixture	
Chemical components	CAS Number	%
Sodium salt of (polymer of acrylic acid / maleic acid)	60472-42-6	85%
Surfactant (Alcohols, C16-18, ethoxylated)	68439-49-6	10%
Sodium carbonate	497-19-8	5%

## 4. First aid measure

<p>First aid measure:</p> <p>Contaminated clothing and shoes should be removed as soon as practical</p> <p>Inhalation: move to fresh air and get medical attention if symptom is continuous.</p> <p>Skin: flush with water.</p> <p>Eyes: flush eyes with plenty of water and get medical attention.</p> <p>Ingestion: get medical attention.</p> <p>The most harmful effect : -</p> <p>Protection of first-aid person : safety goggle</p>
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## 5. Fire fighting measure

Fire fighting measures : no special requirements
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Suitable extinguishing media : chemical dry powder, water, foam and Carbon dioxide fire extinguisher.

Other : This product is non-flammable and non-explosive items.

#### 6. Accidental release measure

Personal precautions : wear protective clothes.

Environmental precautions : forbid into river.

Cleaning method : collect it into plastic bags.

Suggestion : thoroughly remove contaminated surfaces.

#### 7. Handling and storage

Handling : technical measures : no special requirements

Precautionary measures : ventilated, dry

Safe handling: Avoid contact with skin and eyes

Storage : technical measures : Store in chemical warehouse.

Storage conditions : Storage at 0 to 40 degrees, dry and ventilated place.

Packaging materials : sealed plastic bags

#### 8. Exposure controls/personal protection

Engineering controls: ventilated equipment

Controls parameter:

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

Personal protective equipment:

Respirator: wear self-contained dust masks

Hand protection: safety glove

Eye protection: safety goggle

Skin and body protection: long sleeve clothes and safety glove.

#### 9. Physical and chemical properties

Appearance : white powder

PH : 7.0±1.0

Ionic nature : Nonionic

Solubility : can be diluted with water

#### 10. Stability and activity

Stability : Stable under normal usage conditions.

Possibility of hazardous reactions : Hazardous polymerization will not occur.

Materials to avoid : strong alkali

#### 11. Toxicological information

Health hazards : rat oral ( acute toxicity ) LD50 : about 1500mg/Kg
Skin irritation test ( rabbit ) : Causes mild skin irritation
Eye irritation test ( rabbit ) : moderately irritation
Adverse effects on the human body : repeated skin contact may cause allergy
Supplementary information : A cute toxicity is a test of a similar composition of the product.

## 12. Ecological information

Persistence and degradability degradation: according to the data, these substances are easily biodegradable.
Ecotoxicity effects:
Toxicity to bacteria: no data available.
Toxicity to fish ( sturgeon fish short-term exposure ) : <35mg/L
Metal content : Metal content is lower than Dye manufacturing Ecology and Toxicology Association recommended limits
Note: In response to environmental protection without APEO and other harmful substances.

## 13. Disposal considerations

Product Disposal: Dispose of in accordance with local regulations.
Packaging Disposal: Dispose of in accordance with local regulations.

## 14. Transport Information

Transport classification: this product is a non - dangerous goods
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## 15. Regulation

Suitable regulations:
General environmental rules
Waste disposal method

## 16. Other

Lister unit	Company : GRACESS INTERNATIONAL CO., LTD.
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