

MATERIAL SAFETY DATA SHEET

Soap

SECTION1 PRODUCT

Product name: Soap
MSDS Number: 09-438
MSDS Date: Nov. 2, 2009

SECTION2 INFORMATION ON INGREDIENTS

Product name: Soap

Ingredient	Concentration	CAS No.	EC No.
Palm oil	78%	8002-75-3	232-316-1
Aqua	14%	7732-18-5	231-791-2
Palm-kernel oil	1%	8023-79-8	232-425-4
Sodium Chloride	0.7%	7647-14-5	231-598-3
Titanium Dioxide	0.5%	13463-67-7	236-675-5
EDTA	0.5%	60-00-4	200-449-4
Perfume	0.3%	/	/

SECTION3 HAZARDS IDENTIFICATION

Hazards Identification: This substance is considered to be non-hazardous for transport.

Emergency Overview: May cause transient irritation to eyes. May irritate skin of sensitive individuals.

SECTION4 FIRST-AID MEASURES

Skin Exposure: In case of contact, flush with copious amounts of water.

Eye Exposure: In case of contact, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, carbon dioxide, dry chemical powder or appropriate foam. Foam and water spray are effective but may cause frothing.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Hazardous Decomposition Products: CO, CO₂.

SECTION6 ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: Sweep up with spade, place into a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE**Handling**

User Exposure: Use protective clothing and gloves. Avoid inhalation. Avoid direct contact with eyes. Avoid prolonged or repeated exposure. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents and foods. No smoking at working site.

Storage:

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidizing agents and foods.

SECTION8 EXPOSURE CONTROLS/PPE

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Wear dust mask if necessary.

Eye: Chemical safety glasses if necessary.

Clothing: Wear appropriate protective clothing.

Hand: Safety gloves.

General Hygiene Measures: No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Yellow and white multi-shaped blocky solid, weak odor

MP/MP Range: >80°C softening **pH Value:** 7~8

Solubility: Soluble in water

SECTION10 STABILITY AND REACTIVITY

Stable: Stable under normal pressure and temperature.

Materials to Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

SECTION11 TOXICOLOGICAL INFORMATION

Toxicity Data: No data available.

Irritation Date: May cause transient irritation to eyes. May irritate skin of sensitive individuals.

SECTION12 ECOLOGICAL INFORMATION

No data available.

SECTION13 DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of substance:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

ADR/RID Class: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA:

Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO:

Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

SECTION15 REGULATORY INFORMATION

EU Additional Classification:

This chemical substance is not classified in the Annex I of Directive 67/548/EEC.

SECTION16 OTHER INFORMATION

Date: Nov. 2, 2009

Department:

Shanghai Research Institute of Chemical Industry Testing Center

Shanghai Classification and Testing Centre of Dangerous Chemical for State Administration Work Safety

Tel(Fax): 8621-52815377/52800971/52807275/52811034

Revision: 0

Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.

09-438

