

## Material Safety Data Sheet

### Soda Ash Light

#### Section 1 Chemical Product And Company Identification

Product name : Soda Ash Light  
Synonyms : Sodium Carbonate  
Company Identification : Tradeasia International Pte Limited  
Address : 133 Cecil Street # 12-03 Keck Seng Tower, Singapore  
Tel:+65-6227 6365  
Fax:+65-6225 6286  
Email: [contact@chemtradeasia.com](mailto:contact@chemtradeasia.com)



Health	2
Fire	0
Reactivity	1
Personal Protection	E

#### Section 2 Composition And Information On Ingredients

CAS#	Chemical Name	%WT	TLV	PEL
497-19-8	Sodium Carbonate	100	10 mg/m3	15 mg/m3

#### Section 3 Hazards Identification

##### EMERGENCY OVERVIEW:

CAUTION! MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. Avoid contact with eyes, skin and clothing. Avoid breathing airborne product. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Amber white powder. Slippery when wet. A nuisance dust.

##### ACUTE EFFECTS:

Health hazards, general:

Particulates may cause mechanical irritation to the eyes, nose, throat and lungs. Particulate inhalation may lead to pulmonary fibrosis, chronic bronchitis, emphysema and bronchial asthma. Dermatitis and asthma may result from short contact periods.

**Inhalation:** May be irritating to the respiratory tract if inhaled.

**Ingestion:** May cause gastric distress, nausea and vomiting if ingested.

**Skin:** May be irritating to the skin.

**Eyes:** May be irritating to the eyes.

**Chronic effects:**

**Carcinogenicity:**

**IARC:** Not listed. **OSHA:** Not regulated. **NTP:** Not listed.

**Route of entry:** Inhalation. Skin and/or eye contact.

**Target organs:** Respiratory system, lungs. Skin. Eyes.

#### Section 4 First Aid Measures

**General:** Persons seeking medical attention should carry a copy of this MSDS with them.

**Inhalation:** Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention.

**Ingestion:** Drink a couple of glasses water or milk. Do not give victim anything to drink of he is unconscious. Get medical attention.

**Skin:** Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.

**Eyes:** Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### Section 5 Fire And Explosion Data

**Extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Dry chemicals. Foam. Water spray, fog or mist.

**Special fire fighting procedures:** No specific fire fighting procedure given.

**Unusual fire & explosion hazards:** No unusual fire or explosion hazards noted.

**Hazardous combustion products:** Irritating gases/vapors/fumes. Oxides of: Carbon. and Sodium.

#### Section 6 Accidental Release Measures

**Personal precautions:**

Wear proper personal protective equipment (see MSDS Section 8).

#### **Spill clean-up procedures:**

Carefully sweep up and put in closed containers. Avoid making dust. Do not contaminate drainage or waterways. Repackage or recycle if possible.

### **Section 7 Handling And Storage**

#### **HANDLING PRECAUTIONS:**

Avoid handling causing generation of dust. Wear full protective clothing for prolonged exposure and/or high concentrations. Eye wash and emergency shower must be available at the work place. Wash hands often and change clothing when needed. Provide good ventilation. Mechanical ventilation or local exhaust ventilation is required.

### **Section 8 Exposure Controls/ Personal Protection**

**Eye Protection:** Goggles, safety glasses with side shields are recommended.

**Respiratory Protection:** Where adequate ventilation is not available an approved respirator (NIOSH) must be worn.

**Skin Protection:** Wear impervious protective clothing, including boots, gloves, apron or coveralls as appropriate.

**Ventilation:** General Mechanical ventilation to prevent dust accumulation and exposure below TLV control limits.

**Protective Clothing:** Selection depends on potential exposure conditions and may include gloves and long sleeved clothing.

**Other Equipment:** Eye wash station in close proximity to use are advised

### **Section 9 Physical And Chemical Properties**

Boiling Point Range	: Decomposes
Vapor Density (Air=1)	: 1.9
pH	: 11.4 (1% Solution)
Vapor Pressure (mmHg)	: N/A
Solubility In Water	: Moderately
VOC %	: N/E

Appearance/Odor : White granular solid with no odor.  
Density (g/ml) : 0.90  
Melting Point/Freezing Point : Not applicable.

## Section 10 Stability And Reactivity Data

Stability: Normally stable.

Conditions To Avoid: Reacts with hydrated lime to form sodium hydroxide.

Hazardous Polymerization: Will not polymerize.

Polymerization Description: Not relevant.

Materials To Avoid: Strong acids.

Hazardous Decomposition Products: No specific hazardous decomposition products noted.

## Section 11 Toxicological Information

**Effects from skin contact** – Contact with skin can cause severe burns with deep ulcerations. Contact with solution or mist can cause multiple burns with temporary loss of hair at burn site.

**Effects from eye contact** – Liquid in the eye can cause severe destruction and blindness. These effects can occur rapidly affecting all parts of the eye. Mist can cause irritation with high concentration causing destructive burns.

## Section 12 Ecological Information

### Acute Aquatic Toxicity:

This product is approved for use under the U.S. Environmental Protection Agency (EPA) Region IX (California) General NPDES Permit which regulates offshore discharges of drilling fluids. Contact M-I's Environmental Affairs Department for more information. product passes the mysid shrimp toxicity test required by the U.S. Environmental Protection Agency (EPA) Region VI (Gulf of Mexico) NPDES Permit, which regulates offshore discharge of drilling fluids, when tested in a standard drilling fluid. Contact M-I's Environmental Affairs Department for more information.

## Section 13 Disposal Considerations

### Waste Management:

This product does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc, may render the resulting materials hazardous.

### Disposal Methods:

Recover and reclaim or recycle, if practical. Should this product become a waste, dispose of in a permitted industrial landfill. Ensure that containers are empty by RCRA criteria prior to disposal in a permitted industrial landfill

## Section 14 Transport Information

**Proper Shipping Name:** Not Regulated by The U.S. DOT

**Hazard Class:**

**UN Number:**

**Packaging Group:**

**Labels:**

## Section 15 Other Regulatory Information

RMP/PSM	: Not Listed.
CERCLA-RQ	: None established
EPCRA 311/312	: Yes, See Section III
EPCRA 313	: Not Listed
FIFRA	: No documented information available.
RCRA-CODE	: No Hazardous Waste Identification.
TSCA	: Listed

## Section 16 : Other Information

### **HMIS** (Hazardous Material Identification System)

Health	2
Flammability	0
Physical Hazard	0
Personal Protection (PPE)	B

Protection = B (Safety glasses and gloves)

4 = Severe, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal

### **NFPA** (National Fire Protection Association System)

Health	2
Flammability	0
Reactivity	0
Special	None

4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

### **EC Labeling**

<b>Name of substance to appear on label.</b>	Sodium Carbonate
<b>Symbol(s)</b>	
<b>Label Phrases</b>	Xi – irritating R36: Irritating to eyes. S2: Keep out of reach of children. S22: Do not breathe dust. S26: In case of contact with eyes, rinse immediately

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