

TDS FOR SODA ASH LIGHT

General Information

Chemical Formula	Na ₂ CO ₃	Na₂CO₃
Synonym	Sodium Carbonate	
Origin	China	
H.S. Code	2836.20.00	
CAS No.	497-19-8	
Molecular Weight	105.99 g mol ⁻¹	

Application

Chemical Industry	For manufacturing other sodium chemicals, such as sodium hydroxide, sodium bicarbonate, sodium silicate etc.
Soaps and Detergents	It is used as a filler, pH adjuster, agglomerate aid, and water softener.
Textile Industry	It is used in textile industry during scouring, bleaching, and dyeing. It is also used during deacidification of spun rayon.
Pulp and Paper industry	For controlling the pH in pulping process, neutralizing the effluent streams, and processing of waste paper.

Specification

Property	Units	Value
Na ₂ CO ₃	%	99.2 (min)
NaCl	%	0.2 (max)
Na ₂ SO ₄	%	0.2 (max)
Fe ₂ O ₃	%	0.003 (max)
Loss on heating	%	0.8 (max)
Water insoluble	%	0.04 (max)

Packaging

- 40KG/BAG, 21MT / 20' FCL
- 50KG/BAG, 21MT / 20' FCL
- 1000KG/BAG, 20MT / 20' FCL



NEWAY ENTERPRISES LTD

NO.222 CHANGHONG RD., YUHUATAI DISTRICT, NANJING, JIANGSU, CHINA

CERTIFICATE OF ANALYSIS

SODA ASH LIGHT

Production date	2019-02-22	Standard:			GB/T210.2-2004(II CLASS)	
Expiry date	2021-02-21	Batch No:			2019-02-22	
Item	Index of National Standard- II			Inspection Result	Individual Assessment	
	Class					
	High Grade	First Grade	Qualified Grade			
Apperance	White Tiny Particles			White Crystalline Powder	Meet	
Total Alkali(Quality Fraction of Na ₂ CO ₃ Dry Basis)% \geq	99.2	98.8	98.0	99.6	High-Class	
Total Alkali(Quality Fraction of Na ₂ CO ₃ Wet Basis)% \geq	97.9	97.5	96.7	99.4	High-Class	
NaCl (Quality Fraction of Nacl Dry Basis)% \leq	0.70	0.90	1.20	0.26	High-Class	
Fe (Quality Fraction(Dry Basis)% \leq	0.0035	0.006	0.010	0.0010	High-Class	
Water Insoluble Matter % \leq	0.03	0.10	0.15	0.02	High-Class	
Conclusion	Meet the National Standard of II Class High Grade					

For and on behalf of
NEWAY ENTERPRISES LTD

Mandy
Authorized Signature(s)



NEWAY ENTERPRISES LTD.

NO.222 CHANGHONG RD., YUHUATAI DISTRICT, NANJING, JIANGSU, CHINA

MSDS FOR SODA ASH LIGHT

Section1

Company Details

Company Identification: Neway Enterprises Ltd.

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H.S.CODE NO.: 2836.20.00

Origion: China

Section2

IDENTIFICATION

Product Code:

Product Name: SODA ASH LIGHT

Ship Name (CSN) : None Allocated

Other Names: SODIUM CARBONATE

UN Number: None Allocated

DG Class: None Allocated

Packing Group: None Allocated

Hazchem Code: None Allocated

Poisons Schedule: Not Scheduled

Product Use: Widely used in chemical industry and glass making, textile, petroleum, metallurgical, building materials, pharmaceutical, paper making, electronic, detergent, food industries, etc.

Section3

Physical DATA

Appearance	White Crystal Power
Melting Point	851(Degree Centigrade)
Boiling Point	Not Available
Vapor Pressure	Not Available
Specific Gravity	2.532
Flash Point	Not Applicable
Flamm. Limit LEL	Not Applicable
Solubility in Water	Soluble in Water
Form	Solid
Formula	Na ₂ CO ₃
Molecular Weight	106

Section4

Ingredients

CAS#	Chemical Name	Percent
497-19-8	Soda Ash Light	99.2%min

Section5

Health Hazard Information

Health Effects:

Acute-Eye: A severe eye irritant. Will cause lachrymation, redness and transient pain on skin Contact.

Acute-Skin: May cause irritation and redness on contact with the skin.

Acute-Inhalation: May cause mechanical irritation to the nose, throat and upper. Respiratory tract.

First Aid:

Ingestion: Rinse mouth with water and then give plenty of water to drink. Do not induce vomiting and seek medical attention if large amounts ingested.

Eye: If in eye(s) wash with large amounts of water for approximately 15 minutes holding eyelid(s) open. Seek medical attention if irritation persists.

Skin: If contact with the skin occurs immediately remove contaminated clothing and wash affected area with soap and water. Ensure contaminated clothing is washed before re-use. If irritation persists seek immediate medical attention..

Inhalation: Remove the source of contamination or move the victim to fresh air. Seek medical attention if condition persists.

First Aid Facilities: Eye wash and normal washroom facilities.

Advice to Doctor: Treat symptomatically.

Section 6

Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7

Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing.

Storage: Store in a cool, dry place. Store protected from moisture.

Section 8

Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA-Final PELs
Sodium Sulfate	None listed	None listed	None listed

OSHA Vacated PELs: Sodium sulfate: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9

Physical and Chemical Properties

Physical State: Powder

Appearance: White

Odor: Odorless

pH: 5-8 (5% solution)

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: 1700 deg C

Freezing/Melting Point: 880 - 888 deg C

Decomposition Temperature: Not available.

Solubility: Soluble.

Specific Gravity/Density: 2.68 g/cm³

Molecular Formula: Na₂SO₄

Molecular Weight: 142.04

Section10

Stability & Reactivity

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions. Hygroscopic: absorbs moisture or water from the air.

Conditions to Avoid: Dust generation, moisture, excess heat.

Incompatibilities with Other Materials: Strong oxidizing agents, strong acids, aluminum, magnesium.

Hazardous Decomposition Products: Oxides of sulfur, sodium oxide.

Hazardous Polymerization: Will not occur.

Section11

Toxicological Information

RTECS#:

CAS# 7757-82-6: WE1650000

LD50/LC50:

CAS# 7757-82-6:

Oral, mouse: LD50 = 5989 mg/kg;

Carcinogenicity:

CAS# 7757-82-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No data available.

Teratogenicity : Oral, mouse: TDLo = 14 gm/kg (female 8-12 day(s) after conception) Effects on Newborn - other neonatal measures or effects.; Parenteral, mouse: TDLo = 60 mg/kg (female 8 day(s) after conception) Effects on Embryo or Fetus - fetotoxicity (except death, e.g., stunted fetus) and Specific Developmental Abnormalities - musculoskeletal system.

Reproductive Effects: No information found

Mutagenicity: Mutagenic effects have occurred in experimental animals.

Neurotoxicity: No information found

Other Studies:

Section12

Ecological Information

Ecotoxicity: Fish: Bluegill/Sunfish: LC50 = 12,750 ppm; 96 Hr; Static bioassay Water flea Daphnia: LC50 = 4547 mg/L; 96 Hr; Unspecified Fish: Fathead Minnow: LC50 = 13,500-14,000 mg/L; 24 - 96 Hr; Unspecified Fish: Mosquito Fish: LC50 = 17,500 mg/L; 96 Hr; Unspecified This chemical is not expected to cause oxygen depletion in aquatic systems. It has a low potential to affect aquatic organisms and is expected to have a low potential to affect secondary waste treatment microorganisms.

Environmental: Sodium sulfate may persist indefinitely in the environment, but is not likely to show bioaccumulation or food chain contamination effects. If diluted with water, this chemical released directly or indirectly into the environment is not expected to have a significant impact.

Physical : No information available.

Other: This chemical is not likely to bio concentrate.

Section 13

Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14

Transport Information

	US DOT	Canada TDG
Shipping Name:	Not regulated	Not regulated
Hazard Class:	Not available	Not available
UN Number:	Not available	Not available
Packing Group:	Not available	Not available

Section 15

Regulatory Information

US FEDERAL

TSCA CAS# 7757-82-6 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 7757-82-6 can be found on the following state right to know lists: Pennsylvania, Massachusetts.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection): CAS# 7757-82-6: 0

Canada - DSL/NDSL

CAS# 7757-82-6 is listed on Canada's DSL List.

Canada – WHMIS

This product has a WHMIS classification of Not controlled. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

The information above is believed to be accurate and represents the best information currently available to us. However, 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.

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PTE LTD has been advised of the possibility of such damages

Section16

Other Information

Notice: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

纯碱

SODA ASH LIGHT



红双环

本企业通过质量、环境和职业健康安全管理体系认证

一等品

净含量：50kg

GB/T210.1-2004 II类



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