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Distributed by:
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SAFETY DATA SHEET

1. Identification

Product identifier: SODIUM CARBONATE Soda Ash

Other means of identification

SDS number: 000100001403

Recommended use and restriction on use

Recommended use: Not available.

Restrictions on use: Not known.

Emergency telephone number: For emergency assistance Involving chemicals

call CHEMTREC day or night at: 1-800-424-9300. CHEMTREC INTERNATIONAL Tel# 703-527-3887

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2. Hazard(s) identification

Hazard classification

Health hazards

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Label elements

Hazard symbol



Signal word

Warning

Version: 1.0
Revision date: 04/29/2015



Hazard statement	Causes skin irritation. Causes serious eye irritation.
Precautionary statement	
Prevention	Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see this label). Take off contaminated clothing and wash before reuse.
Storage	Store in a closed container. Store in a dry place.
Disposal	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Other hazards which do not result in GHS classification	None.

3. Composition/information on ingredients

Substances

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Soda Ash (Sodium Carbonate)		497-19-8	>=99.8%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

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Composition comments: The components are not hazardous or are below required disclosure limits.

4. First-aid measures

Ingestion: Do NOT induce vomiting. Never give liquid to an unconscious person. Get medical attention immediately.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.

Skin contact: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Eye contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. Fire-fighting measures

General fire hazards: No data available.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use: Water. Water fog. Carbon dioxide or dry powder.

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: No data available.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: No data available.

6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures: No data available.
Methods and material for containment and cleaning up: Sweep or scoop up and remove.

7. Handling and storage

Precautions for safe handling: Avoid contact with skin and eyes. Use only with adequate ventilation. Store away from incompatible materials.
Conditions for safe storage, including any incompatibilities: No data available.

8. Exposure controls/personal protection

Control parameters
Occupational exposure limits None of the components have assigned exposure limits.
Appropriate engineering controls No data available.
Individual protection measures, such as personal protective equipment
General information: No data available.
Eye/face protection: No data available.
Skin protection
Hand protection: No data available.
Other: No data available.
Respiratory protection: No data available.
Hygiene measures: No data available.

9. Physical and chemical properties

Physical state: Solid
Form: No data available.
Color: No data available.
Odor: No data available.
Odor threshold: No data available.
pH: No data available.
Melting point/freezing point: 851 °C

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Initial boiling point and boiling range:	No data available.
Flash Point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies)	
Solubility in water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

10. Stability and reactivity

Reactivity:	No data available.
Chemical stability:	No data available.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No data available.
Incompatible materials:	No data available.
Hazardous decomposition products:	No data available.

11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:	No data available.
Inhalation:	No data available.

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Skin contact: No data available.
Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: ATEmix (): 2,805.611222 mg/kg

Dermal

Product: ATEmix (): 2,004.008016 mg/kg

Inhalation

Product: No data available.

Specified substance(s):

Soda Ash (Sodium Carbonate) LC 50 (Rat, 2 h): 2.3 mg/l LC 50 (Guinea pig, 2 h): 0.8 mg/l LC 50 (Mouse, 2 h): 1.2 mg/l LC 50 (Guinea pig,): 800 mg/m3 (, No) 2 (reliable with restrictions) LC 50 (Mouse,): 1,200 mg/m3 (, No) 2 (reliable with restrictions)

Repeated dose toxicity

Product: No data available.

Skin corrosion/irritation

Product: No data available.

Serious eye damage/eye irritation

Product: No data available.

Respiratory or skin sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ cell mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

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Specific target organ toxicity - single exposure

Product: No data available.

Specific target organ toxicity - repeated exposure

Product: No data available.

Aspiration hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Specified substance(s):

Soda Ash (Sodium Carbonate) LC 50 (Bluegill (*Lepomis macrochirus*), 24 h): 385 mg/l Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 24 h): 3,540 - 6,160 mg/l Mortality LC 50 (Sailfin molly (*Poecilia latipinna*), 25 h): 405 mg/l Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 48 h): 950 - 4,060 mg/l Mortality LC 50 (Western mosquitofish (*Gambusia affinis*), 48 h): 840 mg/l Mortality

Aquatic invertebrates

Product: No data available.

Specified substance(s):

Soda Ash (Sodium Carbonate) EC 50 (Water flea (*Daphnia magna*), 4.2 d): 524 mg/l Intoxication EC 50 (Water flea (*Ceriodaphnia dubia*), 48 h): 156.6 - 298.9 mg/l Intoxication LC 50 (Water flea (*Ceriodaphnia dubia*), 24 h): 1,240 - 1,770 mg/l Mortality LC 50 (Water flea (*Daphnia magna*), 24 h): 1,900 - 2,870 mg/l Mortality LC 50 (Water flea (*Daphnia magna*), 24 h): 265 mg/l Mortality

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and degradability

Biodegradation

Product: No data available.

BOD/COD ratio

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Product: No data available.
Bioaccumulative potential
Bioconcentration factor (BCF)
Product: No data available.
Partition coefficient n-octanol / water (log Kow)
Product: No data available.
Mobility in soil: No data available.
Known or predicted distribution to environmental compartments
Sodium carbonate No data available.

13. Disposal considerations

Disposal instructions: No data available.
Contaminated packaging: No data available.

14. Transport information

Not regulated for US domestic ground transportation.

15. Regulatory information

US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

Not listed.

SARA 302 Extremely hazardous substance

None present or none present in regulated quantities.

SARA 304 Emergency release notification

None present or none present in regulated quantities.

SARA 311/312 Hazardous chemical

<u>Chemical identity</u>	<u>Threshold Planning Quantity</u>
Soda Ash (Sodium Carbonate)	500 lbs

SARA 313 (TRI reporting)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

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US state regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

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Inventory Status: Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EU EINECS List:	On or in compliance with the inventory
EU ELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

16. Other information, including date of preparation or last revision

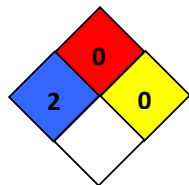
HMIS Hazard ID

Health	2
Flammability	0
Physical hazards	0
PERSONAL PROTECTION	B

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect

NFPA Hazard ID



	Flammability
	Health
	Reactivity
	Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Issue date: 04/29/2015
Revision date: No data available.
Version #: 1.0
Further information: No data available.

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Univar USA Inc Safety Data Sheet

For Additional Information contact SDS Coordinator during business hours, Pacific time: (425) 889-3400

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