



AMON KİMYA

## Material Safety Data Sheet

DOCUMENT NO: AK-SPEC-009

PAGE : 1 / 14

REVISION NO: 01

DIST.DATE : 11.01.2022

# SODA ASH DENSE

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : Soda Ash Dense

### Manufacturer or supplier's details

**Company** : Amon Kimya ve Makine San. Tic. Ltd. Şti.

**Address** : Çay Mah. 5 Temmuz Cad. Özsüren Plaza No:9 Kat:4 D:20  
+90 326 617 26 17 / [www.amonkimya.com.tr](http://www.amonkimya.com.tr)

### Emergency telephone number:

+90 326 617 26 17

info@amonkimya.com.tr

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Eye irritation : Category 2A

### GHS Label element

Hazard pictograms



Signal word

Warning

Hazard statements

: H319 Causes serious eye irritation.  
May form combustible dust concentrations in air

Precautionary statements

### Prevention:

P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

### Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.



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### Potenti Al Health Effects Carcinogenicity:

<b>IARC</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>ACGIH</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
<b>OSHA</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
<b>NTP</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Emergency Overview

Appearance	granules
Colour	white
Odour	odourless
Hazard Summary	No information available.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

#### Hazardous components

CAS-No.	Chemical Name	Concentration (%)
497-19-8	Sodium carbonate	90 - 100

**Molecular formula** : Na<sub>2</sub>CO<sub>3</sub>

### SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.



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If inhaled : If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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### SECTION 5. FIREFIGHTING MEASURES

Unsuitable extinguishing media : High volume water jet

Hazardous combustion products : No hazardous combustion products are known

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : Standard procedure for chemical fires.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Avoid dust formation. : Use personal protective equipment. protective equipment and  
emergency procedures Avoid breathing dust.

Environmental precautions : Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up : Neutralise with acid.  
Keep in suitable, closed containers for disposal.

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## SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid formation of respirable particles.  
Do not breathe vapours/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and wellventilated place.  
Electrical installations / working materials must comply with the technological safety standards.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection  
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : Dust impervious protective suit  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	: granules
Colour	: white
Odour	: odourless
Odour Threshold	: No data available
pH	: 11.4 @ 1 %
Freezing Point (Melting point/freezing point)	: 851 °C (1564 °F)
Boiling Point (Boiling point/boiling range)	: not applicable
Flash point	: does not flash
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Burning rate	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: negligible
Relative vapour density	: No data available
Relative density	: 0.7 - 1.12
Density	: No data available
Bulk density	: No data available
Solubility(ies)	
Water solubility	: 212.5 g/l @ 20 °C (68 °F)
Solubility in other solvents	: No data available
Partition coefficient: noctanol/water	: No data available
Auto-ignition temperature	: not applicable
Thermal decomposition	: 400 °C



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## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Dust may form explosive mixture in air.
Conditions to avoid	: Exposure to air or moisture over prolonged periods.
Incompatible materials	: Finely divided aluminium
Hazardous decomposition products	: Sodium oxides

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Components:

#### 497-19-8:

Acute oral toxicity : LD50 (rat, male and female): 2,800 mg/kg

Acute inhalation toxicity : LC50 (rat, male): 2300 ppm  
Exposure time: 2 h

Acute dermal toxicity : LD50 (rabbit): > 2,000 mg/kg  
Remarks: No data available

### Skin corrosion/irritation

#### Components:

#### 497-19-8:

Species: rabbit

Exposure time: 4 h

Classification: No skin irritation

Method: OECD Test Guideline 404

Result: No skin irritation



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GLP: yes

### Serious eye damage/eye irritation

**Product:**

Remarks: Severe eye irritation

**Components:**

**497-19-8:**

Species: rabbit

Result: Irritating to eyes.

Classification: Irritating to eyes.

Method: In vivo

Remarks: Eye irritation, Category 2

### Respiratory or skin sensitisation

**Components:**

**497-19-8:**

Remarks: No data available

### Germ cell mutagenicity

**Components:**

**497-19-8:**

Genotoxicity in vitro

: Test Type: Ames test

Test species: Salmonella typhimurium

Metabolic activation: Metabolic activation

Result: negative

Test substance: Information given is based on data obtained from similar substances.

Germ cell mutagenicity-  
Assessment

: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

### Carcinogenicity

**Components:**

**497-19-8:**

Remarks: This information is not available.



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Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

### Reproductive toxicity

#### Components:

497-19-8:

Effects on fertility : Remarks: No data available

Effects on foetal development : Species: rat  
Application Route: oral  
Dose: 2.45, 11.4, 52.9 and 245 mg/k  
Duration of Single Treatment: 10 d  
General Toxicity Maternal: NOAEL: > 245 mg/kg bw  
Teratogenicity: NOAEL: > 245 mg/kg bw Result: No teratogenic effects.

Reproductive toxicity - Assessment : Fertility classification not possible from current data.  
Did not show teratogenic effects in animal experiments.

STOT - single exposure Product:No data available

#### Components:

497-19-8:No data available

### STOT - repeated exposure

Product:No data available Components:

497-19-8:No data available

### Repeated dose toxicity

#### Components:

497-19-8:

Remarks: This information is not available.

### Aspiration toxicity

#### Components:

497-19-8:

No aspiration toxicity classification

### Further information

#### Product:

Remarks: No data available

## SECTION 12. ECOLOGICAL INFORMATION





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### Ecotoxicity

#### Components:

##### 497-19-8:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 300 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 265 mg/l  
Exposure time: 48 h

Toxicity to algae : Remarks: No data available

### Persistence and degradability

#### Components:

##### 497-19-8:

Biodegradability : Remarks: No data available

**Bioaccumulative potential** No data available

#### **Mobility in soil**

No data available

**Other adverse effects** No data available **Product:**

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

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Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.  
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group at 800-637-7922.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

**IATA (International Air Transport Association):** Not regulated as a dangerous good

**IMDG-Code:** Not regulated as a dangerous good

**DOT (Department of Transportation):** Not regulated as a dangerous good

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## SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : Combustible dust, Moderate eye irritant

**WHMIS Classification** : D2B: Toxic Material Causing Other Toxic Effects

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.



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**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### US State Regulations

#### Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

#### Pennsylvania Right To Know

497-19-8 Sodium carbonate 90 - 100 %

#### New Jersey Right To Know

497-19-8 Sodium carbonate 90 - 100 %

#### California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### The components of this product are reported in the following inventories:

<b>Switzerland. New notified substances and declared preparations</b>	:	y (positive listing) (The formulation contains substances listed on the Swiss Inventory)
<b>United States TSCA Inventory</b>	:	y (positive listing) (On TSCA Inventory)



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<b>Canadian Domestic Substances List (DSL)</b>	:	y (positive listing) (All components of
		this product are on the Canadian DSL.)
<b>Australia Inventory of Chemical Substances (AICS)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>New Zealand. Inventory of Chemical Substances</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Japan. ENCS - Existing and New Chemical Substances Inventory</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Japan. ISHL - Inventory of Chemical Substances (METI)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Korea. Korean Existing Chemicals Inventory (KECI)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)
<b>China. Inventory of Existing Chemical Substances in China (IECSC)</b>	:	y (positive listing) (On the inventory, or in compliance with the inventory)

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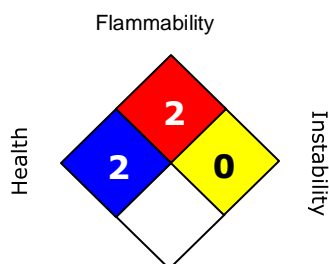
## SECTION 16. OTHER INFORMATION

# SODA ASH DENSE

**Further information**

**NFPA:**

**HMIS III:**



The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by NEXEO™ Solutions EHS Product Safety Department (1-855-429-2661) MSDS@nexeosolutions.com.

**Legacey MSDS:**

R0001114

**Material number:**

16058163, 16058162, 74894, 104059, 70996, 105442, 107656, 73078, 89359, 59103, 87992, 506667, 21880

Key or legend to abbreviations and acronyms used in the safety data sheet			
ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration



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EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50			Lethal Concentration 50%