

# Safety Data Sheet

## Soda Ash Dense

Version 1.3

Revision Date: 11/11/2023

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** : Soda Ash Dense

**Recommended use of the chemical and restrictions on use**

Recommended use : Industrial Chemical

**Manufacturer or supplier's details**

**Company** : ARTISANAT BUB INV  
**Address** : 10141 Ave De London  
Montreal, H1H4H4  
CANADA

**Emergency telephone number:**  
+1450-499-6882 info@pinovillage.com

### SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Eye irritation : Category 2A

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

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.

**Other hazards**

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

**Hazardous components**

# Safety Data Sheet

## Soda Ash Dense

Version 1.3

Revision Date: 11/11/2023

CAS-No.	Chemical name	Weight percent
497-19-8	Sodium carbonate	90 - 100

Any Concentration shown as a range is due to batch variation.

**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.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.  
Remove to fresh air.
- In case of skin contact : Wash off with warm water and soap.  
Get medical attention if irritation develops and persists.  
Take off contaminated clothing and shoes immediately.  
Wash contaminated clothing before re-use.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
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.  
Rinse mouth with water.  
Do NOT induce vomiting.

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use an extinguishing media appropriate for surrounding fire.
- 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.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

# Safety Data Sheet

## Soda Ash Dense

Version 1.3

Revision Date: 11/11/2023

- 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.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
- 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 well-ventilated place.  
Electrical installations / working materials must comply with the technological safety standards.

### 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.  
In the case of vapour formation use a respirator with an approved filter.
- 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.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : granules, powder

## Safety Data Sheet

### Soda Ash Dense

Version1.3

Revision Date: 11/11/2023

Colour	white
Odour	odourless
Odour Threshold	No data available
pH	:11.3 - 11.4 @ 1 %
Freezing Point (Melting point/freezing point)	: 851 - 854 °C (1564 - 1569 °F)
Boiling Point (Boiling point/boiling range)	:Decomposition
Flash point	: does not flash
Evaporation rate	: No data available
Flammability (solid, gas)	: 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	:2.52 - 2.53 @ 20 - 25 °C (68 - 77 °F) Reference substance: (water = 1)
Density	No data available
Bulk density	:0.70 - 1.12 g/cm <sup>3</sup>
Solubility(ies)	:212.5 g/l @ 20 °C (68 °F)
Water solubility	
Solubility in other solvents	
Partition coefficient: n-octanol/water	: No data available : No data available
Auto-ignition temperature	: Not applicable
Thermal decomposition	: 400 °C

#### 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	: Acids  aluminum aluminum powder Fluorine lithium 2,4,6-trinitrotoluene
Hazardous decomposition products	: Sodium oxides Carbon oxides Carbon dioxide (CO <sub>2</sub> )

# Safety Data Sheet

## Soda Ash Dense

Version 1.3

Revision Date: 11/11/2023

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Serious eye damage/eye irritation

##### Components:

497- 19- 8:

Species: Rabbit

Result: Irritating to eyes.

#### Carcinogenicity

##### IARC

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.

##### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

##### NTP

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.

##### ACGIH

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.

#### Further information

##### Product:

Remarks: No data available

### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

##### Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Pro-

# Safety Data Sheet

## Soda Ash Dense

Version 1.3

Revision Date: 11/11/2023

tection 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

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

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 Univar Solutions ChemCare: 1-800-637-7922

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

### SECTION 14. TRANSPORT INFORMATION

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

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

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

### SECTION 15. REGULATORY INFORMATION

**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 ExtremelyHazardous Substances ReportableQuantity

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

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

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

Safety Data Sheet  
Soda Ash Dense

Version 1.3

Revision Date: 11/11/2023

**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 112 (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 I 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. Clean Water Act, Section 311, Table 116.4A.  
This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water 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 RightToKnow**

497-19-8	Sodium carbonate	90 - 100 %
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**New Jersey RightToKnow**

497-19-8	Sodium carbonate	90 - 100 %
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**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:**

TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PHIL	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

# Safety Data Sheet

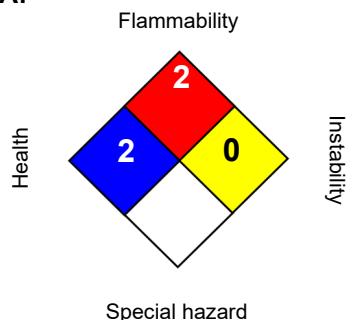
## Soda Ash Dense

Version 1.3

Revision Date: 11/11/2023

### SECTION 16. OTHER INFORMATION

#### NFPA:



#### HMIS III:

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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 may 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 SDS has been prepared by Univar Solutions Product Compliance Department (1-855-429-2661) [SDSNA@univarsolutions.com](mailto:SDSNA@univarsolutions.com).

**Revision Date** : 11/11/2023

**Legacy SDS:** :R0001114

#### Material number:

16204586, 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
EGEST	European Oilfield Specialty Chemicals	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals	PEL	Permissible Exposure Limit



## Safety Data Sheet

### Soda Ash Dense

Version 1.3

Revision Date: 11/11/2023

	icals Association		
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
IC50	Greater Than or Equal To	STEL	Short-term Exposure Limit
IARC	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IECSC	International Agency for Research on Cancer	TLV	Threshold Limit Value
ENCS	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
KECI	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
	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%		