

Section 1 ~ Identification

Identity (As Used On Label and List) B4101 ACID ABSORB	Date Prepared: 04/23/2025
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 WEST 27 TH STREET	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classifications	HCS 2012 (29 CFR 1910.1200) Eye irritation, Category 2A H319: Causes serious eye irritation.
------------------------	---

Label Elements	HCS 2012 (29 CFR 1910.1200)		Signal Word: Warning
-----------------------	------------------------------------	---	-----------------------------

Hazard Statement	H319 Causes serious eye irritation.
-------------------------	-------------------------------------

Precautionary Statement	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 Identified
----------------------	-----------------

Additional Labeling	The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 1 %
----------------------------	--

Section 3 ~ Composition/Information on Ingredients

Substance Hazardous Ingredients and Impurities

Chemical Name	Identification Number / Cas-No.	Concentration [%]
Carbonic acid sodium salt (1:2)	497-19-8	>= 99

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

<u>Mixture</u>
Not applicable; this product is a substance.

Section 4 ~ First Aid Measures

Description of first-aid measures:

<u>In case of inhalation</u>
- Move to fresh air. - If symptoms persist, call a physician.

<u>In case of skin contact</u>
- Wash off with soap and water. - If symptoms persist, call a physician.

<u>In case of eye contact</u>
- In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. - If eye irritation persists, consult a specialist.

<u>In case of ingestion</u>
- Rinse mouth with water. - Do NOT induce vomiting. - If symptoms persist, call a physician or Poison Control Center immediately.

Most important symptoms and effects, both acute and delayed:

In case of inhalation

Symptoms

- At high concentrations:

- Cough

Effects

- May cause nose, throat, and lung irritation. *Repeated or prolonged exposure*

- Risk of sore throat, nose bleeds

In case of skin contact

Effects

- Prolonged skin contact may cause skin irritation.

In case of eye contact

Symptoms

- Redness

- Lachrymation

- Swelling of tissue

Effects

- Severe eye irritation

In case of ingestion

Symptoms

- Severe irritation

- Nausea

- Abdominal pain

- Vomiting

- Diarrhea

Indication of any immediate medical attention and special treatment needed:

Notes to physician

- None.

Section 5 ~ Firefighting Measures

Flash point: Not applicable

Autoignition temperature: Not applicable

Flammability / Explosive limit: no data available

Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing media: None

Special hazards arising from the substance or mixture

Specific hazards during fire fighting: Not combustible.

Hazardous combustion products: none

Advice for firefighters

Special protective equipment for fire-fighters:

- In the event of fire, wear self-contained breathing apparatus.

- Use personal protective equipment.

Section 6 ~ Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid dust formation.

Advice for emergency responders: Sweep up to prevent slipping hazard.

Environmental precautions:

- Should not be released into the environment.

- Do not flush into surface water or sanitary sewer system.

- Prevent any mixture with an acid into the sewer/drain (gas formations).

- Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:

- Sweep up and shovel into suitable containers for disposal.

- Keep in properly labeled containers.

- Keep in suitable, closed containers for disposal.

Reference to other sections: Refer to protective measures listed in sections 7 and 8.

Section 7 ~ Handling and Storage

Precautions for safe handling:

- Ensure adequate ventilation.
- Minimize dust generation and accumulation.
- Avoid contact with skin and eyes.
- Keep away from incompatible products

Hygiene measures:

- Eye wash bottles or eye wash stations in compliance with applicable standards.
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities**Technical measures/Storage conditions:**

- Store in original container.
- Keep in a dry place.
- Keep in properly labeled containers.
- Keep container closed.
- Keep away from:
- Incompatible products

Packaging material**Suitable material:**

- Polyethylene
- Woven plastic material.

Unsuitable material: Material moisture permeable

Specific end use(s):

- Contact your supplier for additional information
- This grade of the product is not intended for pharmaceutical, feed or food applications.

Section 8 ~ Exposure Controls/Personal Protection

Introductory Remarks: These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

Control parameters**Components with workplace occupational exposure limits:**

Ingredients	Value Type	Value	Basis
Carbonic acid sodium salt (1:2)	TWA	10 mg/m ³	Solvay Acceptable Exposure Limit

Exposure controls**Control measures****Engineering measures:**

- Provide appropriate exhaust ventilation at places where dust is formed.
- Apply technical measures to comply with the occupational exposure limits.

Individual protection measures**Respiratory protection:**

- Effective dust mask
- Use only respiratory protection that conforms to international/ national standards.
- Use NIOSH approved respiratory protection.

Hand protection:

- Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
- Wear suitable gloves.

Suitable material:

- Neoprene
- Natural Rubber

Eye protection:

- Safety goggles

Skin and body protection:

- Dust impervious protective suit
- Rubber or plastic boots
- Rubber or plastic apron

Hygiene measures:

- Eye wash bottles or eye wash stations in compliance with applicable standards.
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

Section 9 ~ Physical and Chemical Properties

Physical and Chemical properties here represent typical properties of this product.

Contact the business area using the Product information phone number in Section 1 for its exact specifications.

Information on basic physical and chemical properties**Appearance**

Form: powder

Physical state: solid

Color: white

Particle size: > 125 µm (85 - 90 %)

Odor: odorless

Odor Threshold: no data available

pH: 11.2 (4 g/l) (77 °F (25 °C)) 11.3 (10 g/l) (77 °F (25 °C))

pKa: 6.4 10.3

Melting point/range: 1564 °F (851 °C)

Boiling point/boiling range: Not applicable

Flash point: Not applicable

Evaporation rate (Butylacetate = 1): Not applicable

Flammability (solid, gas): Not applicable

Explosiveness: Not applicable

Autoignition temperature Not applicable

Vapor pressure: negligible

Vapor density: Not applicable

Bulk density: 0.97 - 1.10 kg/dm³

Method: Free flow

Relative density: 2.53 (68 °F (20 °C))

Water solubility:

- 71 g/l (32 °F (0 °C))

- 212.5 g/l (68 °F (20 °C))

Partition coefficient n-octanol/water: Not applicable

Thermal decomposition: > 752 °F (> 400 °C)

Viscosity, dynamic: Not applicable

Explosive properties: No data available

Oxidizing properties: Not considered as oxidizing.

Molecular weight: 106 g/mol

Section 10 ~ Stability and Reactivity

Reactivity: Decomposes by reaction with strong acids.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: no data available

Conditions to avoid: Exposure to moisture.

Incompatible materials: Finely divided aluminum

Hazardous decomposition products: none

Section 11 ~ Toxicological Information

Acute toxicity

Acute oral toxicity: LD50: 2,800 mg/kg – Rat, male and female.

- The product has a low acute toxicity.
- Unpublished reports.

Acute inhalation toxicity: no data available

Acute dermal toxicity: LD50 : > 2,000 mg/kg – Rabbit

- Method: according to a standardized method
- Not classified as hazardous for acute dermal toxicity according to GHS.
- No mortality observed at this concentration.
- Unpublished reports

Acute toxicity (other routes of administration): no data available

Skin corrosion/irritation: Rabbit

- Not classified as irritating to skin
- Method: OECD Test Guideline 404
- Unpublished reports

Serious eye damage/eye irritation: Rabbit

- Irritating to eyes.
- Method: according to a standardized method
- Unpublished reports

Respiratory or skin sensitization: no data available**Mutagenicity****Genotoxicity in vitro:**

- By analogy
- Ames test with metabolic activation
- Product is not considered to be genotoxic
- Published data
- Strain: Escherichia coli without metabolic activation
- Negative: Product is not considered to be genotoxic
- Published data

Genotoxicity in vivo: no data available**Carcinogenicity:** no data available**This product does not contain any ingredient designated as probable or suspected human carcinogens by:**

- NTP
- IARC
- OSHA
- ACGIH

Toxicity for reproduction and development**Toxicity to reproduction / fertility:** no data available**Developmental Toxicity/Teratogenicity:** Mouse , female

- Application Route: Oral
- NOAEL teratogenicity: ≥ 580 mg/kg
- NOAEL maternal: ≥ 580 mg/kg
- Method: according to a standardized method no embryotoxic or teratogenic effects have been observed
- Unpublished reports

STOT**STOT-single exposure:**

- The substance or mixture is not classified as specific target organ toxicant, single exposure.
- Internal evaluation

STOT-repeated exposure:

- The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
- Internal evaluation

Aspiration toxicity: no data available

Section 12 ~ Ecological Information

Toxicity**Acute toxicity to fish:** LC50 - 96 h : 300 mg/l - Lepomis macrochirus (Bluegill sunfish)

- Static test
- Analytical monitoring: no
- Method: according to a standardized method
- Not harmful to fish (LC50 > 100 mg/L)
- Published data

Acute toxicity to daphnia and other aquatic invertebrates: EC50 - 48 h : 200 - 227 mg/l - Ceriodaphnia dubia (water flea)

- Semi-static test
- Method: according to a standardized method
- Not harmful to aquatic invertebrates. (EC50 > 100 mg/L)
- Published data

Persistence and degradability**Photodegradation:**

- Hydrolyzes
- Test substance: Water
- Carbonic acid/bicarbonate/carbonate
- Acid/base equilibrium as a function of pH

Biodegradability: Not applicable, inorganic substance

Degradability assessment: The product is not considered to be rapidly degradable in the environment

Bioconcentration factor (BCF): Not applicable, inorganic substance

Adsorption potential (Koc):

- Air - Not applicable
- Solubility(ies) – Water
- Mobility – Water
- Soil/sediments - not significant

Results of PBT and vPvB assessment: Not applicable, inorganic substance

Other adverse effects: no data available

Acute aquatic toxicity: Not harmful to aquatic life (LC/EC50 > 100 mg/L)

Chronic aquatic toxicity: Not classified due to data which are conclusive although insufficient for classification.

Section 13 ~ Disposal Considerations

Product Disposal:

- Contact waste disposal services.
- If recycling is not practicable, dispose of in compliance with local regulations.
- Dilute with plenty of water.
- Neutralize with acid.
- In accordance with local and national regulations.

Waste Code:

- RCRA Hazardous Waste (40 CFR 302)
- Hazardous Waste – NO

Advice on cleaning and disposal of packaging:

- Where possible recycling is preferred to disposal or incineration.
- Clean container with water.
- Dispose of rinse water in accordance with local and national regulations.
- Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Section 14 ~ Transportation Information

DOT: not regulated

TDG: not regulated

NOM: not regulated

IMDG: not regulated

IATA: not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transportation regulations for hazardous materials, it would be advisable to check their validity with your sales office.

Section 15 ~ Regulatory Information

Notification status:

Inventory Information	Status
United States TSCA Inventory	One or more components not listed on inventory
Mexico INSQ (INSQ)	In compliance with the inventory
Canadian Domestic Substances List (DSL)	One or more components not listed on inventory
New Zealand. Inventory of Chemical Substances	In compliance with the inventory
Australia Inventory of Chemical Substances (AICS)	One or more components not listed on inventory
Japan. CSCL - Inventory of Existing and New Chemical Substances	One or more components not listed on inventory
Korea. Korean Existing Chemicals Inventory (KECI)	One or more components not listed on inventory
China. Inventory of Existing Chemical Substances in China (IECSC)	One or more components not listed on inventory
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	One or more components not listed on inventory

US. EPA EPCRA SARA Title III

Section 313 Toxic Chemicals (40 CFR 372.65): 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.

Section 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 355): No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section 302 Emergency Planning Extremely Hazardous Substance Reportable Quantity (40 CFR 355): This material does not contain any components with a SARA 302 RQ.

Section 304 Emergency Release Notification Reportable Quantity (40 CFR 355): This material does not contain any components with a section 304 EHS RQ.

US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

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

State Regulations

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

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

Section 16 ~ Other Information

	NFPA	HMIS		Key
HEALTH	2	2	4=	Severe
FLAMMABILITY	0	0	3=	Serious
INSTABILITY OR REACTIVITY	0	0	2=	Moderate
PPE		Determined by User; dependent on local conditions	1=	Slight
SPECIAL NOTICES	None		0=	Minimal

Disclaimer: Omega Industrial Supply, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and -may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet