

SAFETY DATA SHEET



Product Name: ACCO 714-D

Release Date: 12/2/2021

Product Number: 102-06015, 102-06050

1. Identification

Product Identifier	ACCO 714-D
Other means of identification	SODIUM CARBONATE, SODA ASH
CAS Number:	497-19-8
Recommended Use:	For safe and effective increase of swimming pool pH.
Recommended Restrictions:	See Section 16 for more information.
Supplier/Distributor Information:	ACCO Unlimited Corporation 5105 NW Johnston Dr. Johnston, IA 50131 (800) 548-2226

EMERGENCY PHONE NUMBER: 800-424-9300 CHEMTREC

2. Hazard(s) Identification

OSHA/HCS status.....This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture.....Serious eye damage/eye irritation. - Category 2A

GHS Label elements
Hazard Pictograms



Signal Word.....Warning

Hazard Statements.....Causes serious eye irritation.

Precautionary Statements

Prevention: Wash face, hands and any exposed skin 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.

Hazards not otherwise classified (HNOC): No hazards not otherwise classified were identified.

Other Information: May be harmful if swallowed. Prolonged or repeated contact may dry skin and cause irritation.

Section 3. Composition/information on ingredients

Chemical Family Alkali salt.
Formula Na_2CO_3

Chemical name	CAS-No	Weight %
Sodium carbonate	497-19-8	100

Synonyms are provided in Section 1.

Section 4. First aid measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact: Wash off with warm water and soap. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.

Inhalation: Remove person to fresh air. If signs/symptoms continue, get medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed: Causes serious eye damage / eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

Section 5. Fire-fighting measures

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Specific Hazards Arising from the Chemical: Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes

Hazardous Combustion Products: Fumes of sodium oxide. Carbon oxides (CO_x).

Explosion data

Sensitivity to Mechanical Impact: Not sensitive.

Sensitivity to Static Discharge: Not sensitive.

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental release measures

Personal Precautions: Avoid dust formation. Sweep up to prevent slipping hazard.

Environmental Precautions: Do not flush into surface water or sanitary sewer system.

Methods for Containment: Prevent large quantities of this product from contacting vegetation or waterways. Cover with plastic sheet to prevent spreading. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal.

Methods for cleaning up: Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal. Dispose of waste as indicated in Section 13.

Section 7. Handling and storage

Handling: Use air conveying/mechanical systems for bulk transfer to storage. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment if release of airborne dust is expected. Make sure the locations of the eye washers and safety showers are close to the workstation locations.

Storage: Store in original container. Keep in properly labeled containers. Keep container tightly closed.
 Incompatible products: Aluminum. Powdered aluminum. Acids.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient	Agency	Workplace Exposure Limits
Carbonic acid sodium salt (1:2)	OSHA PEL (TWA) (mg/m ³)	10 mg/m ³ Total dust; 5 mg/m ³ Respirable fraction
Carbonic acid sodium salt (1:2)	MSHA	10 mg/m ³ Total dust

Exposure

Appropriate engineering controls

Engineering measures: Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Individual protection measures, such as personal protective equipment

Eye/Face Protection: Wear safety glasses or protective glasses with side shields. If splash potential exists, wear full face shield or chemical goggles.

Skin and Body Protection: Wear suitable protective clothing. Protective shoes or boots.

Hand Protection: Wear protective gloves. If handling solutions, impervious gloves recommended (e.g. Nitrile or Neoprene)

Respiratory Protection: In case of inadequate ventilation wear respiratory protection.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Make sure the locations of the eye washers and safety showers are close to the workstation locations.

General information: These recommendations apply to the product as supplied.

Section 9. Physical and chemical properties

Appearance	Granules
Physical State	Solid
Color	White
Odor	odorless
Odor threshold	Not applicable
pH	11.4 (1% solution in water)
Melting point/freezing point	851 °C
Boiling Point/Range	No information available
Flash point	Not applicable
Evaporation Rate	No information available
Flammability (solid, gas)	Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Density	No information available
Specific gravity	2.52
Water solubility	212.5 g/L @ 20 °C
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	400 °C
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	Not explosive
Oxidizing properties	Non-oxidizing
Molecular weight	105.99
Bulk density	0.86 - 1.12 g/cm ³ (Dense grades) 0.70 - 0.90 g/cm ³ (Light Grades)
K _{st}	0 bar m/s

Section 10. Stability and reactivity

Reactivity: None under normal use conditions.

Chemical Stability: Stable. Decomposes by reaction with strong acid.

Possibility of Hazardous Reactions: None under normal processing.

Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to avoid: Exposure to air or moisture over prolonged periods.

Incompatible materials: Aluminum. Powdered aluminum. Acids.

Hazardous Decomposition Products: Sodium oxides. Carbon oxides (CO_x).

Section 11. Toxicological information

Product Information

LD50 Oral 2,800 mg/kg (rat)
LD50 Dermal > 2,000 mg/kg (rabbit)
LC50 Inhalation

Eye Contact Irritating to eyes.
Skin Contact Non-irritating
Sensitization Patch test on human volunteers did not demonstrate sensitization properties.

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity No known effect.
Mutagenicity No information available
Carcinogenicity Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).
Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Section 12. Ecological information

Ecotoxicity

Sodium carbonate (497-19-8)				
Active Ingredient(s)	Duration	Species	Value	Units
Sodium Carbonate	96 h LC50	Bluegill sunfish	300	mg/L
Sodium Carbonate	48 h EC50	<i>Ceriodaphnia</i>	200-227	mg/L

Persistence and degradability: Biodegradability does not pertain to inorganic substances.

Bioaccumulation: Does not bio-accumulate.

Mobility: Dissociates into ions.

Other Adverse Effects: None known.

Section 13. Disposal considerations

Waste disposal methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Dispose of in accordance with local regulations.

Contaminated Packaging: Dispose of in accordance with local regulations.

Section 14. Transport information

<u>DOT</u>	NOT REGULATED
<u>TDG</u>	NOT REGULATED
<u>ICAO/IATA</u>	NOT REGULATED
<u>IMDG/IMO</u>	NOT REGULATED

Section 15. Regulatory information

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

U.S. State Right-to-Know Regulations

This product is not listed on state right-to-know regulations

International Inventories

Component	TSCA (United States)	DSL (Canada)	EINECS/ELI NCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Sodium carbonate 497-19-8 (100)	X	X	X	X	X	X	X	X

Mexico - Grade

Moderate risk, Grade 2

Section 16. Other information

NFPA

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

HMIS

Health Hazard: 2

Fire Hazard: 0

Physical hazards: 0

Product Certifications

This product is certified to NSF/ANSI Standard 60 for use in drinking water treatment at the specified maximum use limit. The MUL (maximum use level) for sodium carbonate, anhydrous is 150 mg/L under NSF/ANSI Standard 60.



Halal: IFANCA

Revision Date: 12/22/2020

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