

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Sodium Bicarbonate
PRODUCT ID: 0201X
PRODUCT USE: General Industrial Use
EMERGENCY: CALL CHEMTREC 1-800-424-9300

MANUFACTURER: National Chemicals, Inc.
 PO Box 32, Winona, MN 55987
 800-533-0027 or 507-454-5640
 info@NationalChemicals.com

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical

Hazard Symbols:

Signal Word:
Not Applicable

Hazard Statements	Precautionary Statements
Not Applicable	Not Applicable

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Sodium carbonate	497-19-8	100%

Other ingredients are judged to be non-hazardous, their CAS numbers and exact percent of composition are proprietary to National Chemicals, Inc.

SECTION 4 FIRST AID MEASURES

- If in Eyes:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.
- If on Skin (or hair):** Brush off loose particles from skin. Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.
- If Inhaled:** When symptoms occur: go into open air and ventilate suspected area.
- If Swallowed:** Rinse mouth. Do NOT induce vomiting. Seek medical attention if a large amount is swallowed.

SECTION 5 FIREFIGHTING MEASURES

- Suitable Extinguishing Media:** Use extinguishing agent suitable for type of surrounding fire.
- Protection for Firefighters:** Wear self-contained breathing apparatus and full protective gear, as with any fire.
- Fire Hazard:** Not Flammable. Under fire conditions, hazardous fumes will be present.
- Hazardous Combustion Products:** Carbon oxides (CO, CO₂). Sodium oxides.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact. Use appropriate personal protection equipment.
- Methods For Cleaning Up:** Prevent entry to sewers and public waters. Avoid release to the environment. Clean up spills immediately and dispose of waste safely. Avoid generation of dust during clean-up of spills. Keep in suitable, closed containers for disposal. Contact competent authorities after a spill.

SECTION 7 HANDLING AND STORAGE

- Handling :** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.
- Storage:** Store in original container. Keep in properly labeled containers. Keep container tightly closed.

SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

- Eye Protection:** Chemical goggles or safety glasses.
- Skin Protection:** Wear chemically resistant protective gloves.
- Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White crystalline powder
Odor: Odorless
Water Solubility: 212.5 g/L @ 20 °C

pH: 8.2 (1% solution)
Boiling Point: Not available
Freezing Point: Not available

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal use and storage.
Decomposition: Sodium oxides. Carbon oxides (COx)
Incompatible Materials: Aluminum. Powdered aluminum. Acids
Conditions to Avoid: Exposure to air or moisture over prolonged periods.

SECTION 11 TOXICOLOGICAL INFORMATION

LD50 Oral Rat: 7.3 g/kg
LC50 Inhalation Rat: > 4.7 mg/l/4h
Inhalation: Prolonged inhalation of dust may cause respiratory irritation.
Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation.
Eye Contact: Contact may cause irritation due to mechanical abrasion.
Ingestion: Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema.

SECTION 12 ECOLOGICAL INFORMATION

LC50 Fish 1: 7100 mg/l Bluegill
EC50 Daphnia 1: 4100 mg/l
LC 50 Fish 2: 7700 mg/l Rainbow Trout
Bioaccumulation: Not established
Mobility: Not available

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

SECTION 14 TRANSPORT INFORMATION

Hazard Class: Not classified as hazardous according to Department of Transportation

SECTION 15 REGULATORY INFORMATION

Neither this product nor its chemical components appear on any US state lists.

SECTION 16 OTHER INFORMATION

Training Necessary: Yes, training in practices and procedures contained in product literature or on product label
Issue Date: May 27, 2015
Supersedes: July 6, 2010

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