

Material Safety Data Sheet

TronacarbTM

**sodium
bicarbonate**



KERR-MCGEE CHEMICAL CORPORATION
KERR-MCGEE CENTER ■ OKLAHOMA CITY, OKLAHOMA 73125

For more detailed information on the hazards of this product, contact Regulations Compliance Department or Medical Services Department at the address above. Technical Information Bulletin is also available. For emergency information, telephone (405) 270-1313 any time.

PRODUCT IDENTIFICATION

Brand Name TRONACARB
Chemical Name sodium bicarbonate
Common Name Sodium bicarbonate
Formula NaHCO_3
DOT Proper
Shipping Name Not applicable
DOT Hazard
Class Not applicable
DOT I.D. Number Not applicable
Reportable Quantity (RQ) ... Not applicable
CAS Number 144-55-8

PHYSICAL AND CHEMICAL PROPERTIES

State Granular solid
Melting Point C Loses CO_2 at 270
Boiling Point C Decomposes
Color White
Odor None
Bulk Density, lb/cu. ft 60
Weight Per Gallon Not applicable
Specific Gravity @ 20C 2.16
Water Solubility, % By Wt. @ 20C 8.8
Flash Point And Method Not applicable
pH Not applicable

HAZARDOUS INGREDIENTS

Chemical Name	Common Name	CAS Number	Hazard
Sodium bicarbonate	Sodium bicarbonate	144-55-8	Mild irritant to eyes, and skin.
Sodium carbonate	Soda ash	497-19-8	Irritant to eyes, skin and mucous membranes.

PHYSICAL HAZARD INFORMATION

Explosive: No Upper Explosive Limit: Not applicable Lower Explosive Limit: Not applicable
Pyrophoric: No
Flammable: No Flammability Class: Not applicable
Combustible: No Organic Peroxide: No
Oxidizer: No Compressed Gas: No
Reactivity: Normally stable in dry air. In moist air forms sodium carbonate, an irritant.

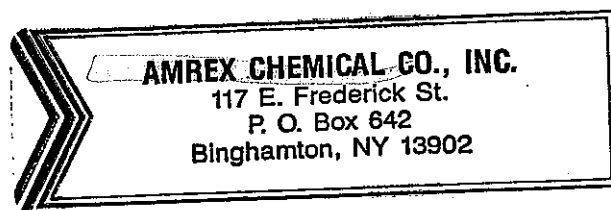
Incompatibilities: Acids, monoammonium phosphate, aluminum and phosphorus pentoxide.

Hazardous
Decomposition:

Decomposes when exposed to high heat, releasing carbon dioxide (CO_2). Carbon dioxide is an asphyxiant and may affect respiration rate or interfere with breathing.

Conditions
To Avoid:

Exposure to incompatible materials and heat.



AMREX CHEMICAL CO., INC.
117 E. Frederick St.
P. O. Box 642
Binghamton, NY 13902

HEALTH INFORMATION

Precautionary Information: CAUTION! This product is a mild irritant to the eyes and skin.

Symptoms Of Exposure: Irritation or redness of the eyes or skin.

Restrictive Medical
Conditions:

Eye or skin diseases and breathing or respiratory disorders will be aggravated by exposure to this chemical.

PRIMARY ROUTE(S) OF ENTRY

Inhalation (breathing), and ingestion (swallowing).

TOXICITY INFORMATION

Oral - infant LDLo 1260 mg/kg

Oral - rat LD₅₀ 4220 mg/kg

Irritant skin - rabbit 30 mg/3 days - mild

EXPOSURE LIMITS

OSHA: Not established

ACGIH: Not established

Other: ACGIH-TLV-TWA for a nuisance dust is 10 mg/m³ total dust or 5 mg/m³ respirable dust

Reported As A Potential Carcinogen
Or Carcinogen

☒ Not Applicable
☐ OSHA

☐ National Toxicology Program
☐ International Agency For Research On Cancer

PRECAUTIONS FOR SAFE HANDLING AND USE

Avoid contact with eyes, skin and clothing.
Avoid breathing dust.
Avoid contact with acids.
Store in a cool, dry area.
Wash thoroughly after handling.

SPILL AND LEAK PROCEDURES

Soil Release: Shovel or sweep up and place in container for disposal. Dispose of as an industrial waste in accordance with federal, state and local regulations.

Water Spill: Disperse with water jets, propellers or similar devices.

Air Spill: Keep upwind. Treat impact site as for Soil Release or Water Spill.

Occupational Spill: Shovel or sweep up and place in container for disposal or wash to an industrial sewer as permitted by federal, state and local regulations.

RCRA Waste Number: Not applicable.

ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Ventilation: Use general dilution and local exhaust techniques to meet nuisance dust exposure limit.

Respirator: NIOSH/MSHA approved dust type.

Eye Protection: Safety glasses or safety goggles.

Gloves: Rubber, neoprene or similar materials that will not allow alkaline solutions to penetrate.

Other: Easily washable clothing. Change daily. Wash clothing before reuse.

EMERGENCY PROCEDURES

Fire: This product is not flammable and does not support combustion.

Spill or Leak: Shovel or sweep up and place in container for later disposal.

FIRST AID PROCEDURES

Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

Inhalation: Remove to fresh air.

Skin Contact: Flush skin with water and then wash thoroughly.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Note To Physician: Chemical of exposure is sodium bicarbonate.

DATE OF ISSUE: July, 1985

DATE REVISED: July 17, 1985

REPLACES: B-5010/6-85



117 E. FREDERICK STREET
P.O. BOX 642
BINGHAMTON, N.Y. 13902
PHONE (607) 772-8784

RECEIVED
BOVA SUPPLY CENTER
96 MAY 29 AM 9:19

May 16, 1996

Syracuse City School District
Accounts Payable Dept.
725 Harrison St.
Syracuse, NY 13210

Dear Customer:

Enclosed are Material Safety Data Sheet(s) for products you recently received from Amrex Chemical Co. Inc. Please take the time to familiarize yourself with each Material Safety Data Sheet, paying particular attention to the health and hazard information as well as the emergency and first aid procedures. This information must be distributed to all applicable employees, agents, contractor, customers, and any others who you can reasonably foresee handling these products, as required by OSHA's Hazard Communication Standard (29CFR 1910.1200).

The information contained in these Material Safety Data Sheets is based on the best information currently available to the manufacturer of the product. The statements contained in these sheets are offered for informational purposes only and are intended to be followed only by persons having related technical skills at their own discretion and risk. Since conditions and manner of use are outside of our control, we make no warranties, express or implied, and no liability in connection with any use of this information.

We at Amrex Chemical Co. Inc. are dedicated to the safe, efficient handling of all our products, and hope the enclosed information will help lead to a safe and accident-free working environment with proper and adequate precautions being taken to protect against all actual or potential health and environmental hazards.

Should you require any additional information, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script, reading "Pamela Rexer-Rood".

Pamela Rexer-Rood
Director of Safety & Regulatory Affairs

Enclosures: Material Safety Data Sheet(s) for:

Sodium Bicarbonate



117 E. FREDERICK STREET
P.O. BOX 642
BINGHAMTON, N.Y. 13902
PHONE (607) 772-8784

PLEASE SIGN AND RETURN TO US AS SOON AS POSSIBLE.

This will acknowledge receipt of Material Safety Data Sheet(s) covering the following product(s) purchased from Amrex Chemical Co. Inc.:

Sodium Bicarbonate

Date: 5/16/96

Signature: _____

Name: _____

Company Name: Syracuse City School District

Address: Accounts Payable Dept.

725 Harrison St.

Syracuse, NY 13210

Phone: _____