



Canada Colors and Chemicals Limited

**152 Kennedy Road South
Brampton, Ontario
Canada
L6W 3G4**

General Inquiry Number: (905) 459-1232

**Material Safety Data Sheet
Attached**

Material Safety Data Sheet

Sesqui™ Sodium Sesquicarbonate



This product is distributed by
Canada Colors and Chemicals Limited
General Inquiry: (905) 459-1232
24 Hour Emergency: (416) 444-2112



CCC: Product Code: 857201

CCC: Product Name: SODIUM SESQUICARBONATE

MSDS #: 533-96-0
Revision Date: 2012-02-24
Version 0.01

This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Sesqui™ Sodium Sesquicarbonate
Synonyms	Trisodium Hydrogencarbonate, Sesqui
Recommended use	Industrial cleaner ingredient, bath salt ingredient, water softener, diaper rinse ingredient, pH adjustment, water treatment, food additive, food and dairy plant sanitizers .
Manufacturer	Emergency telephone number
FMC Wyoming Corporation Alkali Chemicals Division 1735 Market Street Philadelphia, PA 19103 Tel: +1 215 / 299 6000 E-Mail: msdsinfo@fmc.com	+1 307 / 872 2452 (Plant - Green River, WY) +1 303 / 595 9048 (Medical - Call Collect) For leak, fire, spill or accident emergencies, call: +1 800 / 424 9300 (CHEMTREC - U.S.A.) +1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)

2. Hazards identification

Emergency Overview

White, odorless, needle-shaped particles
Reacts with acids to release carbon dioxide and heat

Potential health effects

Acute Toxicity

Eyes	May cause irritation.
Skin	Prolonged or repeated contact may dry skin and cause irritation.
Inhalation	May cause irritation of respiratory tract.

Chronic Toxicity

No known effect.

3. Composition/information on ingredients

Ingredients

Chemical Name	CAS-No	Weight %
Sodium Sesquicarbonate	533-96-0	100

4. First aid measures

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Inhalation	Remove person to fresh air. If signs/symptoms continue, get medical attention.
Ingestion	Rinse mouth with water and afterwards drink plenty of water or milk. Get medical attention if symptoms occur.

5. Fire-fighting measures

Flammable properties	Noncombustible.
Flash Point	Not combustible
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products	Fumes of sodium oxide.
Explosion Data	
Sensitivity to Mechanical Impact	Not sensitive.
Sensitivity to Static Discharge	Not sensitive.
Specific hazards arising from the chemical	None in particular.

NFPA	Health Hazard 1	Flammability 0	Stability 0	Special Hazards -
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NFPA/HMIS Ratings Legend Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

6. Accidental release measures

Personal precautions	Sweep up to prevent slipping hazard. For personal protection see section 8.
Methods for containment	Vacuum or shovel waste into a drum and label contents for disposal. Avoid dust formation.
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.

7. Handling and storage

Handling	Keep away from incompatible products (acids). Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. Reference to other sections.
Storage	Store in original container. Keep in a dry place. Keep in properly labeled containers. Keep container tightly closed.

8. Exposure controls/personal protection

Exposure guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. Local nuisance dust standards apply.
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Occupational exposure controls

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

Personal Protective Equipment

General Information If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers, These recommendations apply to the product as supplied

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

Eye/face protection Safety glasses with side-shields

Skin and body protection Wear suitable protective clothing, Protective shoes or boots

Hand protection Protective gloves

Hygiene measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday.

9. Physical and chemical properties

Appearance	White, odorless, needle-shaped particles
Color	white to off white
Physical state	solid
Odor	odorless
Odor Threshold	not applicable
pH	9.9 (1% solution)
Melting Point/Range	Decomposes upon heating
Freezing point	No information available
Boiling Point/Range	not applicable
Flash Point	Not combustible
Evaporation rate	not applicable
Autoignition Temperature	Not combustible
Flammable properties	Noncombustible
Vapor pressure	No information available
Vapor density	not applicable
Specific Gravity	2.12
Bulk density	0.74 g/cm ³
Water solubility	(% by weight) Water Dispersible
Percent volatile	No information available
Partition coefficient:	not applicable
Viscosity	No information available 135 °C
Oxidizing properties	Non-oxidizing

10. Stability and reactivity

Stability	Stable
Conditions to avoid	Avoid contact with acids
Materials to avoid	Acids
Hazardous decomposition products	Carbon dioxide (CO ₂).
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing.

11. Toxicological information

Acute effects

Eye irritation	Non-irritating (rabbit)
Skin irritation	Non-irritating (rabbit)

LD50 Oral	> 2800 mg/kg (rat)
LD50 Dermal	No information available
LC50 Inhalation:	> 5.03 mg/L 4 hr (rat)

Sensitization	Non-sensitizing, guinea pig.
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Chronic Toxicity

Chronic Toxicity	No known effect.
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12. Ecological information

Ecotoxicity

Not expected to have significant environmental effects

Persistence and degradability	Biodegradability does not pertain to inorganic substances. .
Bioaccumulation	Does not bioaccumulate.
Mobility	Dissociates into ions.

13. Disposal considerations

Waste disposal methods	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements
Contaminated packaging	Dispose of in accordance with local regulations

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

15. Regulatory information**International Inventories**

TSCA Inventory (United States of America)	Complies
DSL (Canada)	Complies
NDSL (Canada)	Complies
EINECS/ELINCS (Europe)	Complies
ENCS (Japan)	Complies
IECSC (China)	Complies
KECL (Korea)	Complies
PICCS (Philippines)	Complies
AICS (Australia)	Complies
NZIoC (New Zealand)	Complies

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	no
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

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.

International Regulations

Mexico - Grade No information available

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
Non-controlled

16. Other information

HMIS	Health Hazard 1	Flammability 0	Stability 0	Special precautions -
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NFPA/HMIS Ratings Legend Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

Revision Date: 2012-02-24
Reason for revision: Format Change.

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End of Material Safety Data Sheet