

Anchem Sales

120 Stronach Cres., London, ON, N5V 3A1 Canada

**PRODUCT NAME: Soda Ash****SO050-00****SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION**

MANUFACTURER: Same as above
PREPARED BY: Production Department
VERSION DATE: 13-Jan-15
TELEPHONE NO.: (519) 451-1614
EMERGENCY PHONE NO.: (613) 996-6666
CHEMICAL FAMILY Not Available **CHEMICAL FORMULA** Not Applicable
MOLECULAR WEIGHT Not Applicable **MATERIAL USE:** Please Refer to technical literature
SYNONYMS: Sodium carbonate.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Conc. Approx. %	C.A.S. #	LD/50 (RTE/SPEC)	LC/50 (RTE/SPEC)	TLV
Sodium Carbonate	100	497-19-8	4090 mg/kg	N.Av.	N.Av.

SECTION 03: HAZARD IDENTIFICATION**ROUTE OF ENTRY**

Eyes: May irritate eyes. May cause eye burns.
Skin: May cause moderate skin irritation.
Inhalation Causes irritation of the mouth, nose and throat. May irritate the lungs.
Ingestion: Low toxicity. May be harmful if swallowed. May cause pain, nausea, vomiting and diarrhea.

SECTION 04: FIRSTAID

Skin Contact: Flush skin with water. Wash contaminated clothing before reuse.
Eye Contact: Immediately flush eyes with water and continue washing for at least 15 minutes. Seek immediate medical attention
Inhalation, Acute Promptly remove to fresh air. Restore and/or support breathing. Consult a physician for observation and treatment.
Ingestion: Do not induce vomiting. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. Seek medical attention.

Notes to physician: Treatment based on sound judgment of physician and individual reactions of patient.

SECTION 05: FIRE EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

FLAMMABLE? No
IF YES, UNDER WHICH CONDITIONS?
FLASH POINT (TCC) (C): Not Available
FLAMMABLE LIMITS: **LEL(% BY VOL.):** Not Av **UEL(% BY VOL.):** Not Av
AUTO IGNITION TEMPERATURE (C) Not Available
EXTINGUISHING MEDIA Use extinguishing media appropriate for surrounding fire.
SPECIAL PROCEDURES: Fire fighters should wear full protective clothing, including self-contained breathing equipment.
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.
UNUSUAL FIRE AND EXPLOSION HAZARDS Not Available
SENSITIVITY TO STATIC DISCHARGE Not Available

SENSITIVITY TO MECHANICAL IMPACT: Not Available

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedure: Personal Precautionary Measures: Wear appropriate protective equipment.
 Environmental Precautionary Measures: Prevent entry into sewers or streams, dike if needed. Spills or releases should be reported, if required to the appropriate local, state and federal agencies.
 Procedure for Clean Up: Scoop up or vacuum up and place in an appropriate closed container. Cautiously spray residue with plenty of water. Prevent spilled material from entering sewers, confined spaces, drains, or waterways.

SECTION 07: HANDLING AND STORAGE

Handling Procedures and Storage Requirements

Handling: Avoid breathing in dust. Avoid prolonged contact with eyes or prolonged skin contact. Use good personal hygiene. When dissolving, add to water cautiously while stirring; solutions can get hot.
 Storage: Store in a cool, dry, well ventilated area. Away from acids. Prolonged storage may cause product to cake and become damp from atmospheric moisture.

SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

GLOVES/TYPE: Cotton gloves permitted for dry product, impervious gloves when handling solutions.
RESPIRATOR/TYPE: For dusty or misty conditions, wear NIOSH-approved dust or mist respirator.
EYE/TYPE: Safety glasses with side shields or chemical goggles.
OTHER/TYPE: Long sleeves. Wear saranex coveralls if contact may occur. Hard hat. Do not wear contact lenses. Ensure that eyewash stations and safety showers are proximal to the work-station location.
ENGINEERING CONTROL Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE/APPEARANCE:	Solid		
ODOUR:	Odorless	ODOUR THRESHOLD:	N. Av.
VAPOUR PRESSURE (mm Hg @ 20C):		VAPOUR DENSITY (Air=1):	N. Av.
EVAPORATION RATE (Ether = 1):	N. Av.	SPECIFIC GRAVITY:	2.533
BOILING POINT (C):	N. Av.	FREEZING POINT (C)	854 °C
Ph (% SOLUTION):	11.3 (1%)	% VOLATILE (WT):	
SOLUBILITY IN WATER (% W/W)	17% (38%) @ 20°C		

SECTION 10: STABILITY AND REACTIVITY

CHEMICALLY STABLE? Stable

IF NO, UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES Yes

IF YES, WITH WHICH ONES: Acids. Simultaneous exposure to soda ash and lime dusts (CaO). In the presence of moisture (i.e. perspiration) the two materials combine to form corrosive caustic soda (NaOH) which may cause burns.

SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS Contact with acids will release carbon dioxide gas. Can react violently with red hot aluminum metal; fluorine gas; lithium; and 2,4,6-trinitrotoluene.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL

LC 50 OF MATERIAL, SPECIES AND ROUTE

LD 50 OF MATERIAL, SPECIES AND ROUTE

CARCINOGENICITY OF MATERIAL

REPRODUCTIVE EFFECTS:

IRRITANCY OF MATERIAL

**SENSITIZING CAPABILITY OF MATERIAL
SYNERGISTIC MATERIALS**

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Disposal of Waste Method: Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.
Contaminated Packaging: Empty containers should be recycled or disposed of through an approved waste management facility.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION Class 0, Non Regulated

UN NUMBER:

PACKING GROUP:

Special Provisions for Transport

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION D2B
D2B TOXIC MATERIALS

SECTION 16: OTHER INFORMATION

ABBREVIATIONS USED: N.Av. = Not Available
N.App. / N.Ap. = Not Applicable

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SOURCES: Supplier MSDS

For updated copies of an MSDS, please contact Anchem Sales at the address/phone number on Page 1 or fax the MSDS Co-ordinator at (519) 451-4593.

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