

Anchem Sales

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



PRODUCT NAME: Bicarbonate of Soda

BI100-00

SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION

MANUFACTURER: Anchem Sales
PREPARED BY: Production Departmen
VERSION DATE: 01-Jan-16
TELEPHONE NO.: (519) 451-1614
EMERGENCY PHONE NO.: (613) 996-6666
CHEMICAL FAMILY Not Available **CHEMICAL FORMULA** NaHC03
MOLECULAR WEIGHT 84.02 **MATERIAL USE:** Please Refer to technical literature
SYNONYMS: Sodium Bicarbonate; Baking Soda

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Conc. Approx. %	C.A.S. #	LD/50 (RTE/SPEC)	LC/50 (RTE/SPEC)	TLV
Sodium Bicarbonate	100 %	144-55-8	N.Av.	N.Av.	N.Av.

SECTION 03: HAZARD IDENTIFICATION

ROUTE OF ENTRY

Eyes: Contact may cause mild irritation, redness, and pain.
Skin: Not an irritant.
Inhalation High concentrations of dust may cause coughing and sneezing.
Ingestion: Extremely large oral doses may cause gastrointestinal disturbances.

SECTION 04: FIRSTAID

Skin Contact: Not harmful.
Eye Contact: Remove contact lenses and flush eyes with plenty of luke warm water for at least 15 minutes.
Inhalation, Acute Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion: If large ammounts are ingested, do not induce vomiting. Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

Notes to physician: Large doses may produce systematic alkalosis and expansion in extracellular fluid volume with adema.

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 Available **UEL(% BY VOL.):** Not Available
AUTO IGNITION TEMPERATURE (C) Not Available
EXTINGUISHING MEDIA Use media appropriate for the fire.
SPECIAL PROCEDURES: May need self contained breathing apparatus.
HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide.
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: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in

Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water.

SECTION 07: HANDLING AND STORAGE

Handling Procedures and Storage Requirements

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

GLOVES/TYPE:	Impervious chemical resistant gloves .		
RESPIRATOR/TYPE:	Dust mask if level exceeds 10mg/m3.		
EYE/TYPE:	Safety glasses when handling bulk material.		
OTHER/TYPE:	Not Available		
ENGINEERING CONTROL	In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.		

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE/APPEARANCE:	White crystalline powder		
ODOUR:	None	ODOUR THRESHOLD:	N. Av.
VAPOUR PRESSURE (mm Hg @ 20C):	N. Av.	VAPOUR DENSITY (Air=1):	2.2
EVAPORATION RATE (Ether = 1):	N. Av.	SPECIFIC GRAVITY:	N. Av.
BOILING POINT (C):	N. App.	FREEZING POINT (C)	60
Ph (% SOLUTION):	8.2	% VOLATILE (WT):	N. Av.
SOLUBILITY IN WATER (% W/W)	3.6 g / 100 ml 20C		

SECTION 10: STABILITY AND REACTIVITY

CHEMICALLY STABLE? Yes

IF NO, UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES Yes

IF YES, WITH WHICH ONES: Reacts with acids to form carbon dioxide. Dangerous reaction with monoammonium phosphate or a sodium-potassium alloy.

SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS Avoid heat, moisture, incompatibles.

HAZARDOUS DECOMPOSITION PRODUCTS: Gaseous carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL	N.Ap.
LC 50 OF MATERIAL, SPECIES AND ROUTE	4220 mg/kg (rat/oral)
LD 50 OF MATERIAL, SPECIES AND ROUTE	N.Ap.
CARCINOGENICITY OF MATERIAL	N.Ap.
REPRODUCTIVE EFFECTS:	N.Ap.
IRRITANCY OF MATERIAL	N.Ap.
SENSITIZING CAPABILITY OF MATERIAL	N.Ap.
SYNERGISTIC MATERIALS	N.Ap.

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY Not Available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Provincial and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, provincial and local

requirements.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION Class , Non Regulated

UN NUMBER:

PACKING GROUP:

Special Provisions for Transport

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION Not classified.

SECTION 16: OTHER INFORMATION

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

DISCLAIMER: Although the information herein is to the best of our knowledge accurate, no guarantee expressed or implied, is made regarding the information or the performance of any product. We assume no liability for incidental or direct damages of any kind, no matter what, including negligence.

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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