

## Anchem Sales

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



### PRODUCT NAME: Sodium Thiosulphate (Non Regulated)

**SO550-00**

#### SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION

**MANUFACTURER:** Same as above  
**PREPARED BY:** Production Department  
**VERSION DATE:** 01-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:**

#### SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Conc. Approx. %	C.A.S. #	LD/50 (RTE/SPEC)	LC/50 (RTE/SPEC)	TLV
Sodium Thiosulphate	60-100	7772-98-7	N.Av.	N.Av.	N.Av.

#### SECTION 03: HAZARD IDENTIFICATION

##### ROUTE OF ENTRY

**Eyes:** May cause moderate eye irritation. May cause eye burns.  
**Skin:** Mild Skin Irritation (after prolonged or repeated contact): sign/symtoms can include redness, swelling, and itching.  
**Inhalation:** May irritate mouth, nose, and throat.  
**Ingestion:** Irritation of the mouth, throat, and stomach.

#### SECTION 04: FIRTAID

**Skin Contact:** Wash contaminated skin with mild soap and water for 15 minutes. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.  
**Eye Contact:** Flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists or signs of toxicity occur, seek medical attention.  
**Inhalation, Acute:** Remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.  
**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.  
**Notes to physician:** Treat symptomatically.

#### 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** Does not burn. Use extinguishing media appropriate for surrounding fire.  
**SPECIAL PROCEDURES:** Fire fighters should wear full protective clothing, including self-contained breathing equipment.

**HAZARDOUS COMBUSTION PRODUCTS:** Not Available  
**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: 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. Flush area with water to remove trace residue.

#### SECTION 07: HANDLING AND STORAGE

##### Handling Procedures and Storage Requirements

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing in dust. Use with adequate ventilation. If dissolving and mixing solutions : with anhydrous material, the reaction is exothermic and the solution will retain heat : with the hydrate (crystal) material, the reaction is endothermic and the solution will cool.

Storage: Store in a cool, dry, well ventilated area. Store away from oxidizing agents. Keep containers tightly closed.

#### SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

**GLOVES/TYPE:** Cotton gloves permitted for dry product, impervious gloves when handling solution  
**RESPIRATOR/TYPE:** If exposure exceeds occupational exposure limits, use an appropriate NIOSH- approved respirator. If sulfur dioxide and/or hydrogen sulfide gas should be released, use a NIOSH approved self contained breathing apparatus or supplied-air respirator.  
**EYE/TYPE:** Safety glasses with side shields or chemical goggles.  
**OTHER/TYPE:** 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

<b>PHYSICAL STATE/APPEARANCE:</b>	Solid. Granular		
<b>ODOUR:</b>	Odorless	<b>ODOUR THRESHOLD:</b>	N. Av.
<b>VAPOUR PRESSURE (mm Hg @ 20C):</b>	N. Av.	<b>VAPOUR DENSITY (Air=1):</b>	N. Av.
<b>EVAPORATION RATE (Ether = 1):</b>	N. Av.	<b>SPECIFIC GRAVITY:</b>	1.667
<b>BOILING POINT (C):</b>	N. Av.	<b>FREEZING POINT (C)</b>	N. Av.
<b>Ph (% SOLUTION):</b>	8.6 (7.5% solution)	<b>% VOLATILE (WT):</b>	N. Av.
<b>SOLUBILITY IN WATER (% W/W)</b>	33% @ 0 °C		

#### SECTION 10: STABILITY AND REACTIVITY

**CHEMICALLY STABLE?** Stable

**IF NO, UNDER WHICH CONDITIONS?**

**INCOMPATIBILITY WITH OTHER SUBSTANCES** Yes

**IF YES, WITH WHICH ONES:** Strong oxidizers. Acids.

**SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS**

**HAZARDOUS DECOMPOSITION PRODUCTS:** Sulfur dioxide. Hydrogen sulfide. Sodium sulfide residue.

#### 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, Sodium Thiosulphate (Non régulée)

**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

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