



A Division of Appropriate Chemical International Ltd.

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## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: Sodium Tripolyphosphate**

**SO370-00**

### SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION

**MANUFACTURER:** Same as above  
**PREPARED BY:** Production Department  
**VERSION DATE:** 17-Dec-14  
**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 Tripolyphosphate	~ 100	15091-98-2	N.Av.	N.Av.	N.Av.

### SECTION 03: HAZARD IDENTIFICATION

#### ROUTE OF ENTRY

**Eyes:** Causes eye irritation.  
**Skin:** Causes skin irritation.  
**Inhalation:** Low hazard for usual industrial or commercial handling.  
**Ingestion:** Substance may be harmful if swallowed.

### SECTION 04: FIRSTAID

**Skin Contact:** Wash with soap and water.  
**Eye Contact:** Flush eye with water for 15 minutes. Get medical attention.  
**Inhalation, Acute:** Not expected to require first aid measure.  
**Ingestion:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

**Notes to physician:** N.Av.

### 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****SPECIAL PROCEDURES:**

**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:** Small Spill: Use appropriate tool to put the spilled solid in a convenient waste disposal container.

Large Spill: Large spills should be collected for disposal.

**SECTION 07: HANDLING AND STORAGE****Handling Procedures and Storage Requirements**

General Procedures: Use goggles and rubber gloves while handling.

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

**GLOVES/TYPE:** Wear appropriate protective clothing to prevent skin exposure.  
**RESPIRATOR/TYPE:** Not expected to require personal respirator usage.  
**EYE/TYPE:** Wear safety glasses with non-perforated sideshields for normal handling. Goggles or a full face shield may be necessary depending on quantity of material and conditions of use.  
**OTHER/TYPE:** Work Hygienic Practices: Establish good personal hygiene and work practices. Always wash hands and face before eating, drinking or smoking. Provide safety shower and eye wash station in work area.  
**ENGINEERING CONTROL** Not Available

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE/APPEARANCE:</b>	Crystalline Powder	<b>ODOUR THRESHOLD:</b>	N. Av.
<b>ODOUR:</b>	Odorless	<b>VAPOUR DENSITY (Air=1):</b>	N. Av.
<b>VAPOUR PRESSURE (mm Hg @ 20C):</b>	N. Av.	<b>SPECIFIC GRAVITY:</b>	1.500
<b>EVAPORATION RATE (Ether = 1):</b>	N. Av.	<b>FREEZING POINT (C)</b>	
<b>BOILING POINT (C):</b>	N. Av.	<b>% VOLATILE (WT):</b>	
<b>Ph (% SOLUTION):</b>	9.12 1% aqueous solution		
<b>SOLUBILITY IN WATER (% W/W)</b>	94.5 g/l @ 20 deg C.		

**SECTION 10: STABILITY AND REACTIVITY**

**CHEMICALLY STABLE?** Yes

**IF NO, UNDER WHICH CONDITIONS?**

**INCOMPATIBILITY WITH OTHER SUBSTANCES** Yes

**IF YES, WITH WHICH ONES:** Strong oxidizing agents.

**SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS**

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, oxides of phosphorus, carbon dioxide, sodium oxide.

**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:** Dispose of in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

**TDG CLASSIFICATION** Class 0, Sodium Tripolyphosphate

**UN NUMBER:**

**PACKING GROUP:**

**Special Provisions for Transport**

**SECTION 15: REGULATORY INFORMATION**

**WHMIS CLASSIFICATION**

**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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**LAST PAGE**

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