

MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: Sodium
Hexametaphosphate**

GEN-SO1600

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.: (800) 996-6666
CHEMICAL FAMILY: Not Available
MOLECULAR WEIGHT: Not Applicable
CHEMICAL FORMULA: 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 SILICATE	0.01	61981-08-6	N.Av.	N.Av.	N.Av.
SODIUM HEXAMETAPHOSP HATE	99.8	68915-31-1	N.Av.	N.Av.	N.Av.
WATER	0.17	7732-18-5	N.Av.	N.Av.	N.Av.

SECTION 03: HAZARD IDENTIFICATION

ROUTE OF ENTRY

Eyes: May cause pain.
May cause irritation.
Skin: Prolonged contact may cause irritation.
Inhalation: May cause irritation to the respiratory tract. May cause coughing and chest discomfort.
Ingestion: Low oral toxicity. Not a likely route of exposure. May cause abdominal cramps.

SECTION 04: FIRSTAID

Skin Contact: Remove contaminated clothing. Wash affected area with soap water. Get medical attention. Thoroughly clean contaminated clothing before reuse.
Eye Contact: Flush with water for at least 15 minutes. Consult a physician, if irritation persists.
Inhalation, Acute: Remove victim to fresh air. If symptoms persist, get medical attention.
Ingestion: Immediately drink plenty of water.
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	Use appropriate extinguishing media for surrounding fire.
SPECIAL PROCEDURES:	Wear a self-contained breathing apparatus with full face piece. Use appropriate extinguishing agents. Firefighter should wear chemical resistant clothes.
HAZARDOUS COMBUSTION PRODUCTS:	Oxidizing agents. Acides.
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: Prevent entry into drains, sewers, and other waterways. Use a non-combustible absorbent material.
Wear appropriate protective equipment. Avoid generating airborne dust. Contain the spill with sand or earth.
Rinse spill area with water. Place in covered and labelled container. Sweep up or shovel into appropriate containers.

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

Use adequate ventilation. Wash thoroughly after handling. Wear personal material safety protection. Avoid generating or breathing dust. Keep away from incompatible materials. Store away from all sources of ignition. Store away from incompatible materials (See MSDS section 5). Keep container closed. Store in a cool, dry and well ventilated area.

SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

GLOVES/TYPE:	Impervious chemical resistant gloves.
RESPIRATOR/TYPE:	NIOSH/OSHA approved respirator, fumes.
EYE/TYPE:	Chemical safety goggles and/or full face shield.
OTHER/TYPE:	Safety boots per local regulations. Chemical resistant clothing. Eye wash facility should be in close proximity. Emergency shower should be in close proximity.
ENGINEERING CONTROL	Not Available

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE/APPEARANCE:	Solid		
ODOUR:	Odorless	ODOUR THRESHOLD:	N. Av.
VAPOUR PRESSURE (mm Hg @ 20C):	N. Av.	VAPOUR DENSITY (Air=1):	N. Av.
EVAPORATION RATE (Ether = 1):	N. Av.	SPECIFIC GRAVITY:	2.45
BOILING POINT (C):	N. Av.	FREEZING POINT (C)	550
Ph (% SOLUTION):	6.5-7.1	% VOLATILE (WT):	N. Av.
SOLUBILITY IN WATER (% W/W)	Soluble		

SECTION 10: STABILITY AND REACTIVITY

CHEMICALLY STABLE? Yes

IF NO, UNDER WHICH CONDITIONS? Under normal conditions.

INCOMPATIBILITY WITH OTHER SUBSTANCES Yes

IF YES, WITH WHICH ONES: Strong acids and strong oxidizing agents.

SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS Moisture. High temperatures. High concentration of dust.

HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL Inhalation. Ingestion.

LC 50 OF MATERIAL, SPECIES AND ROUTE 3053 mg/kg [Rat]

LD 50 OF MATERIAL, SPECIES AND ROUTE N. Av.

CARCINOGENICITY OF MATERIAL N. Av.

REPRODUCTIVE EFFECTS: N. Av.

IRRITANCY OF MATERIAL N. Av.

SENSITIZING CAPABILITY OF MATERIAL N. Av.

SYNERGISTIC MATERIALS N. Av.

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: In accordance with municipal, provincial and federal regulations.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION Class , Sodium Hexametaphosphate

UN NUMBER:

PACKING GROUP:

Special Provisions for Transport Not Regulated

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION Not Regulated

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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