



WATER SPECIALIST SUPPLY CO.,LTD.

Call : 034-440-851-3, 095-367-5790

Sales : 089-695-8181, 083-705-1000, 089-160-6121

MATERIAL SAFETY DATA SHEET

SODIUM THIOSULFATE

PRODUCT: SODIUM THIOSULFATE

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

WATER SPECIALIST SUPPLY CO.,LTD.

78/7 Moo4 Khae Rai, Krathum Baen, Samut Sakhon 74110

Call (+66) 34-440-851 to 3 , (+66) 95-367-5790

Fax (+66) 34-440-851 to 3 ext.105

Email : Water_wss@hotmail.com

PREPARED BY..... Water Specialist Supply CO.,LTD
PREPARATION DATE..... 2/September/16
PRODUCT NAME.....Sodium Thiosulfate.
SYNOYMS NAME.....Sodium hyposulfite; Hyposulphite of soda
CHEMICAL FORMULA.....($\text{Na}_2\text{S}_2\text{O}_3$) .
MOLECULAR WEIGHT.....158.11 g/mol
CHEMICAL FAMILY..... INORGANIC COMPOUND .
PRODUCT USE..... Neutralizing bleach, chlorinated water,
. and related treatments
EMERGENCY PHONE NO..... (+66)34-440-851 to 3 or (+66)95-367-5790

SECTION 02 : COMPOSITION/INFORMATION ON INGREDIENT

Ingredient	# CAS No.	Percent	EINECS#
Sodium Thiosulfate	7772-98-7	>99%	231-861-5
Hazard Symbols: None listed			
Risk Phrases: None listed			

SECTION 03: HAZARDS IDENTIFICATION

Emergency Overview

Not available.

Potential Health Effects

Eyes: May Cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation. May be harmful if inhaled.

Chronic : Prolonged or repeated skin contact may cause dermatitis.

SECTION 04 : FIRST AID MEASURES

INSTRUCTIONS:

Eye Contact:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin Contact:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Get medical aid. Wash mouth out with water.

Inhalation:

Remove from exposure and move to fresh air immediately. Get medical aid.

Notes to physician: Treat symptomatically and supportively.

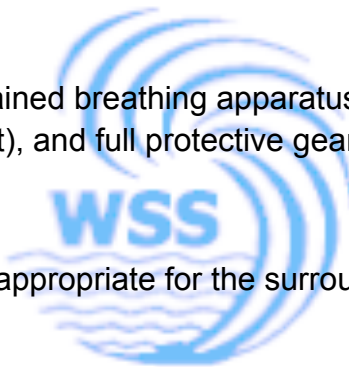
SECTION 05 : FIRE FIGHTING MEASURES

General Information :

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Substance is noncombustible.

Extinguishing Media :

Use extinguishing media most appropriate for the surrounding fire.



SECTION 06 : ACCIDENTAL RELEASE MEASURES

General information :

Use proper personal protective equipments as indicated in Section 8.

Spills/Leaks :

Vacuum or sweep up material and place into a suitable disposal container. Do not let this chemical enter the environment.



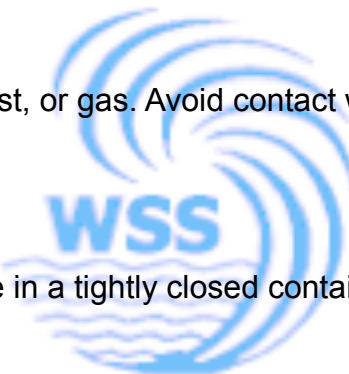
SECTION 07 : HANDLING AND STORAGE

Handling Procedures :

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage Requirements :

Store in a cool, dry place. Store in a tightly closed container.



SECTION 08 : EXPOSE CONTROL/PERSONAL PROTECTION

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits:

CAS# 7772987:

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin : Wear appropriate gloves to prevent skin exposure.

Clothing :Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

SECTION 09 :PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Crystalline powder.

Color : white

Odour : Odourless

PH : 6.08.5 (5% aq. sol. 20°C)

Vapor Pressure (mm Hg,20C): Not available .

Viscosity : Not available .

Boiling Point : 100 deg°C(212.00°F)

Freezing Point : 48 deg°C(118.40°F)

Autoignition Temperature: Not available .

Flash Point: Not available .

Explosion Limits: Lower: Not available .

Explosion Limits: Upper: Not available .

Decomposition Temperature: Not available .

Solubility in water: 500 g/l(20°C)

Specific Gravity/Density: 1.660

Molecular Formula : Na₂O₃S₂

Molecular Weight : 158.1

SECTION 10:STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Incompatibilities with Other Material:

Strong oxidizing agents, strong oxidizing agents, acids, chlorates, permanganates, silver salts, mercury, metal nitrates, sodium nitrite, iodine.

Hazardous Decomposition Product :

Carbon monoxide, oxides of sulfur, carbon dioxide, sodium oxide.

Hazardous Polymerization : Has not be reported.

Will not occur.

Conditions to Avoid :

High temperatures, incompatible materials, light, exposure to moist air or water.

SECTION 11 : TOXICOLOGICAL INFORMATION

RTECS#: CAS# 7772987: XN6476000

LD50/LC50: RTECS: Not available. Other: Oral, rat : LD50 = >5000mg/kg

Carcinogenicity: Sodium thiosulfate Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.

SECTION 12 : ECOLOGICAL CONSIDERATION

Environmental Toxicity: Fish: Mosquito Fish: 24000mg/l; 96h; .

Other : Do not empty into drains. log Pow : 4.35

SECTION 13 : DISPOSAL CONSIDERATION

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 : TRANSPORT INFORMATION

	IATA	IMO	RID/ADR
Shipping Name :	Not regulated.	Not regulated.	Not regulated.
Hazard Class :	Not regulated.	Not regulated.	Not regulated.
UN Number :	Not regulated.	Not regulated.	Not regulated.
Packing Group :	Not regulated.	Not regulated.	Not regulated.

SECTION 15 :REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 7772987: 0

Canada

CAS# 7772987 is listed on Canada's DSL List

US Federal

TSCA

CAS# 7772987 is listed on the TSCA Inventory.

SECTION 16 :OTHER INFORMATION

Disclaimer :

Water Specialist Supply(WSS THAILAND) CO.,Ltd provide information contained here in good faith but make no representation as to its comprehensiveness or accuracy.This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.