

**SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION 1**

**Product Name:** Maintain Pool Pro Chlorine Reducer  
**Product ID:** 6500  
**Synonyms:** Sodium thiosulfate pentahydrate  
**Chemical Formula:**  $\text{Na}_2\text{O}_3\text{S}_2 - 5\text{H}_2\text{O}$   
**Revised Date:** 02-04-2015  
**Type of Product and Use:** To lower chlorine level in swimming pool or spa water.  
**Supplier:** Chemicals Incorporated  
270 Osborne Drive  
Fairfield, OH 45014  
**Emergency Telephone:** 800-424-9300 CHEMTREC  
**Packaged By:** Baleco Int'l Inc.  
PO Box 11331  
Cincinnati, OH 45211

**SECTION 2 HAZARDS IDENTIFICATION 2**

- 2.1 Classification of the substance or mixture**  
Not a hazardous substance or mixture.
- 2.2 GHS Label elements, including precautionary statements**  
Not a hazardous substance or mixture.
- 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none**

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS 3**

- 3.1 Substances**
- |                   |   |
|-------------------|---|
| Formula:          | $\text{Na}_2\text{O}_3\text{S}_2 \cdot 5\text{H}_2\text{O}$ |
| Molecular Weight: | 248.18 g/mol  |
| CAS-No. :         | 10102-17-7  |
| EC-No. :          | 231-867-5   |
- No ingredients are hazardous according to OSHA criteria.  
No components need to be disclosed according to the applicable regulations.

**SECTION 4 FIRST AID MEASURES 4**

- 4.1 Description of first aid measures**  
**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
**In case of skin contact:** Wash off with soap and plenty of water.  
**In case of eye contact:** Flush eyes with water as a precaution.  
**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water.
- 4.2 Most important symptoms and effects, both acute and delayed**  
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
- 4.3 Indication of any immediate medical attention and special treatment needed**  
no data available

**5.1 Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**5.2 Special hazards arising from the substance or mixture**

Sulphur oxides, Sodium/sodium oxides

Sulphur oxides, Sodium oxides

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

The product itself does not burn.

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

**6.2 Environmental precautions**

Do not let product enter drains.

**6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

**7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

**8.1 Control parameters****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls****Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective equipment**

**Eye/face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

**Body Protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure:** Do not let product enter drains.

## SECTION 9

## PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

Appearance

Form:	crystalline
Colour:	colourless
Odour:	odourless
Odour Threshold:	no data available
pH:	no data available
Melting point/freezing Point:	no data available
Initial boiling point and Boiling range:	no data available
Flash point:	not applicable
Evaporation rate:	no data available
Flammability (solid, gas):	no data available
Upper/lower flammability or explosive limits:	no data available
Vapour pressure:	no data available
Vapour density:	no data available
Relative density:	no data available
Water solubility:	no data available
Partition coefficient: N octanol/water:	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
Viscosity:	no data available
Explosive properties:	no data available
Oxidizing properties:	no data available

### 9.2 Other safety information

no data available

**10.1 Reactivity**

no data available

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

Sodium nitrate, acids, Strong oxidizing agents, Incompatible with:, iodides, Silver salts, mercury salts, Lead

**10.6 Hazardous decomposition products**

Other decomposition products - no data available

In the event of fire: see section 5

**11.1 Information on toxicological effects****Acute toxicity**

no data available

Inhalation: no data available

Dermal: no data available

LD50 Intravenous - rat - > 2,500 mg/kg

**Skin corrosion/irritation:** no data available

**Serious eye damage/eye irritation:** no data available

**Respiratory or skin sensitization:** no data available

**Germ cell mutagenicity:** no data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** no data available

**Specific target organ toxicity - single exposure:** no data available

**Specific target organ toxicity - repeated exposure:** no data available

**Aspiration hazard:** no data available

**Additional Information**

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

#### 12.4 Mobility in soil

no data available

#### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

#### 12.6 Other adverse effects

no data available

### SECTION 13

### DISPOSAL CONSIDERATIONS

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#### 13.1 Waste treatment methods

##### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

##### Contaminated packaging

Dispose of as unused product.

### SECTION 14

### TRANSPORT INFORMATION

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#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

### SECTION 15

### REGULATORY INFORMATION

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#### SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

No SARA Hazards

**Massachusetts Right To Know Components:** No Components Listed

#### Pennsylvania Right To Know Components

Sodium thiosulphate Pentahydrate, CAS-No. 10102-17-7

#### New Jersey Right To Know Components

Sodium thiosulphate Pentahydrate, CAS-No. 10102-17-7

#### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### SECTION 16

### OTHER INFORMATION

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#### HMIS Rating

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

#### NFPA Rating



**Disclaimer:** We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use in Section 1 of this SDS, please contact your sales or technical service representative.

Reason for Revision: Conversion to SDS format. Changes in all sections.

All Sections reformatted in accordance with OSHA Hazard Communication Standard 29 CFR 1910-1200(GHS). The information in this safety data sheet should be provided to all who will use, handles, store, transport, or otherwise be exposed to this product. This Information has been prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product. Baleco believes this information to be reliable and up to date as of the date of publication, but makes no warranty that it is. Additionally, if this safety data sheet is more than three years old, you should contact Baleco at The phone number listed in section 1 to make certain that this sheet is current.

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Prepared By: MSDS/SDS Department with information from the Supplier SDS.  
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End of Safety Data Sheet