



SAFETY DATA SHEET

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

| | |
|------------------------------------|---|
| Product Identifier | SODIUM TRIPOLYPHOSPHATE |
| Other Names | None |
| Manufacturer's Product Code | 21006 |
| Recommended Use | Water softening, deflocculating agent, texturiser |

Details of Supplier/Manufacturer

| | |
|----------|---|
| Company: | Recochem Inc. ABN: 69 010 485 999 |
| Address: | 1809 Lytton Road, Lytton, Queensland 4178 |
| Phone: | (07) 3308 5200 Fax: (07) 3308 5201 |
| Website: | www.recochem.com.au |

Emergency Telephone Numbers

| | |
|----------------------|---|
| Business Hours: | (07) 3308 5200 |
| After Hours: | 1300 131 001 |
| Poisons Information: | Australia: 13 11 26 New Zealand: 0800 764 766 |

SECTION 2 HAZARDS IDENTIFICATION

| | |
|-------------------------------|---|
| Non-hazardous chemical | <i>according to classification by Safe Work Australia</i> |
| Non-dangerous goods | <i>according to the Australian Code for the Transport of Dangerous Goods by Road and Rail</i> |

Precautionary statements:

| | |
|----------------|--|
| GENERAL | |
| P101 | If medical advice is needed, have product container or label at hand |
| P102 | Keep out of reach of children |
| P103 | Read label before use |

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients Names and Proportions

| Chemical Entity | CAS Number | Proportion (%) |
|-------------------------|------------|----------------|
| Sodium tripolyphosphate | 7758-29-4 | 95 - 100 |

SECTION 4 FIRST AID MEASURES

Description of necessary first aid measures

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|---------------|---|
| Inhalation: | Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment |
| Skin Contact: | If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If any irritation persists, seek medical attention |
| Eye Contact: | If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical attention |
| Ingestion: | If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment |

Symptoms caused by exposure

| | |
|-------------|---|
| Inhalation: | May be irritating to mucous membranes and upper respiratory tract |
| Skin: | May cause redness and itching |
| Eye: | May cause redness and swelling |
| Ingestion: | May cause slight irritation |

Medical attention and special treatment

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing equipment

Non-combustible, not considered to be a significant fire risk.

Specific hazards arising from the chemical

None expected.

Special protective equipment and precautions for fire fighters

Wear full protective clothing and self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Environmental precautions

Use appropriate containment to avoid environmental contamination.

Methods and materials for containment and cleaning up

Recover using non sparking tools and put the spilled material in an appropriate waste disposal container. Dispose of in accordance with regional regulations.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Do not ingest. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measures

None assigned.

Biological monitoring

No biological limit allocated.

Engineering controls

Ensure that adequate ventilation is provided. Avoid generating and inhaling dusts. Keep containers closed when not in use.

Individual protection measures

| | |
|--------------------------|--|
| Eye and face protection: | Wear safety goggles. |
| Skin protection: | Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes. |
| Respiratory protection: | Use appropriate respiratory protection equipment when ventilation is inadequate. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority. |
| Thermal hazards: | Not applicable. |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--------------------|
| Appearance: | White powder |
| Odour: | Data not available |
| Odour threshold (ppm): | Data not available |
| pH: | 9.9 (10% solution) |
| Melting point/freezing point (°C): | 622 |
| Initial boiling point and boiling range (°C): | Data not available |
| Flash point (°C): | Data not available |
| Evaporation rate (Butyl acetate = 1): | Data not available |
| Flammability: | Data not available |
| Upper/lower flammability or explosive limits (%): | Data not available |
| Vapour pressure (mmHg @ 20°C): | Data not available |
| Vapour density (air = 1): | Data not available |
| Density (g/ml @ 20°C): | Data not available |
| Solubility in Water (g/l): | 150 |
| Partition coefficient: n-octanol/water: | Data not available |
| Auto-ignition temperature (°C): | Data not available |
| Decomposition temperature (°C): | Data not available |
| Kinematic viscosity (mm ² /s @ 20°C): | Data not available |

Product: SODIUM TRIPOLYPHOSPHATE

SECTION 10 STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid

Data not available.

Incompatible materials

Data not available.

Hazardous decomposition products

May produce poisonous and/or corrosive gases.

SECTION 11 TOXICOLOGICAL INFORMATION

| | |
|--|--|
| Acute toxicity: | Data not available |
| Skin corrosion/irritation: | May cause irritation to skin |
| Serious eye damage/irritation: | May cause irritation to the eyes |
| Respiratory or skin sensitisation: | Not expected to be a sensitiser |
| Germ cell mutagenicity: | No expected to be mutagenic |
| Carcinogenicity: | Not expected to be carcinogenic |
| Reproductive toxicity: | Not expected to impair fertility |
| Specific Target Organ Toxicity (STOT) – single exposure: | May cause irritation to respiratory system |
| Specific Target Organ Toxicity (STOT) – repeated exposure: | Data not available |
| Aspiration hazard: | Not considered an aspiration hazard |

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity:

| | |
|------------------------|--------------------|
| Fish – | Data not available |
| Aquatic invertebrate – | Data not available |
| Algae – | Data not available |
| Microorganisms – | Data not available |

Chronic toxicity:

| | |
|------------------------|--------------------|
| Fish – | Data not available |
| Aquatic invertebrate – | Data not available |

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| | |
|------------------|--------------------|
| Algae – | Data not available |
| Microorganisms – | Data not available |

Persistence and degradability

Data not available.

Bioaccumulative potential

Data not available.

Mobility in soil

Data not available.

Other adverse effects

Data not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

| | |
|--|----------------|
| UN number: | Not applicable |
| Proper shipping name: | Not applicable |
| Australian Dangerous Goods class: | Not applicable |
| Australian Dangerous Goods packing group: | Not applicable |
| Hazchem code: | Not applicable |

SECTION 15 REGULATORY INFORMATION

| | |
|---|----------------|
| Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule: | Not scheduled |
| Australian Inventory of Chemical Substances (AICS): | Listed |
| Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76): | Not applicable |

SECTION 16 OTHER INFORMATION

| | |
|---------------------------|------------------------|
| Date of preparation: | 18/08/2015 |
| Revision number: | 4 |
| Changes in this revision: | Update to GHS standard |

This MSDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Recochem cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Recochem on (07) 3308 5200.
