

# MATERIAL SAFETY DATA SHEET

## Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|                              |  |
|------------------------------|--|
| COMPANY                      | Delshine Chemicals   |
| ABN NUMBER                   | 78-805-588-343   |
| ADDRESS                      | Unit 1 / 30 Prindiville Drive, Wangara   |
| TELEPHONE NUMBER             | (08) 9309 4222   |
| EMERGENCY TELEPHONE          | 041 992 7281 ( After hours )   |
| EMAIL                        | <a href="mailto:delshine-chemicals@bigpond.com">delshine-chemicals@bigpond.com</a> |
| WEB SITE                     | <a href="http://www.delshinechemicals.com">www.delshinechemicals.com</a>           |
| BRAND NAME                   | Tri Sodium Phosphate   |
| TRADE NAME                   | Tri Sodium Phosphate   |
| SHIPPING NAME ( section 14 ) | Tri Sodium Phosphate   |
| USE                          | Cleaning Glass's   |

## Section 2 HAZARDS CLASSIFICATION / IDENTIFICATION

AGC Code Non dangerous Goods according to the criteria of the Australian Dangerous Goods Code

HAZARDOUS According to the criteria of Worksafe Australia.

**Risk Phrases** R36/37/38 Irritating to eyes , respiratory system and skin.

**Safety Phrases** S1/2 Keep locked up and out of reach of children  
S22 Do not breathe dust  
S24/25 Avoid contact with skin and eyes  
S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advise.  
S36/37/39 Wear suitable protective clothing gloves and eye/face protection

## Section 3 COMPOSITION / INFORMATION OF INGREDIENTS

| Chemical Entity                | Cas No    | Proportion Mass % |
|--------------------------------|-----------|-------------------|
| Tri Sodium Phosphate Anhydrous | 7601-54-9 | 95%               |

## Section 4 FIRST AID MEASURES

**Ingestion** – Do not induce vomiting . Give large amounts of water . Never give anything by mouth to an unconscious person . Seek Medical attention.

**Eye** – Immediately flush eyes with plenty of water for at least 15 minutes. Lifting lower and upper eyelids occasionally. Seek medical attention.

## Section 4 Continued      **FIRST AID MEASURES**

**Skin** – Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention . Wash clothing before reuse . Thoroughly clean shoes before re-use.

**Inhaled** – Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Seek medical attention.

**Advice to doctor** – Treat symptomatically based on individual reactions of patient and judgement of doctor.

**Aggravated medical conditions caused by exposure** – Repeated exposure may cause symptoms similar to those listed for acute effects. May cause permanent tissue damage to the skin and eyes.

## Section 5      **FIRE FIGHTING MEASURES**

**Extinguishing Media** – Product is NOT considered to be a fire or explosion hazard.

In case of fire use appropriate extinguishing media most suitable for surrounding fire conditions. Hazard from combustion Products – Stable under normal conditions of use and storage. Product is non flammable and non explosive . Product reacts violently with water and acids to liberate heat. Avoid conditions of heat , flames , acids and sources of ignition. Hazardous decomposition product include sodium and phosphate oxides .Hazardous Polymerization will not occur. **Fire fighters** should wear self contained breathing apparatus and full protective clothing along with protective equipment.

**Special protective precautions and equipment for fire fighters** -No data available

## Section 6      **ACCIDENTAL RELEASE MEASURES**

Emergency Procedures – Personnel involved in the clean up should wear full protective clothing. Ventilate area of leak or spill. Avoid raising dust. Do not allow product to reach drains , waterways or soil. Sweep up and containerize for disposal.

## Section 7      **HANDLING AND STORAGE**

**Precautions for safe handling** – Ensure an eye bath and safety shower are available and ready for use.

**Conditions for safe storage including any incompatibles** Store in a cool dry well ventilated area Keep containers tightly closed. Protect against physical damage. This product is not classified as a dangerous good according to the Australian Code for the Transport of dangerous goods by road and rail. Container Type – No information available on containers types for this product.

## Section 8      **EXPOSURE CONTROLS / PERSONAL PROTECTION**

**National Exposure Standards** – No exposure standards has been established for this product by worksafe Australia. However the following threshold limit is recommended TWA 10mg/m<sup>3</sup>

**Biological Limits Values**

No data available

## Section 9 PHYSICAL & CHEMICAL PROPERTIES

**APPEARANCE** crystalline white powder

**PH** 12.1

**BOILING POINT °C** decomposed

**FREEZING POINT °C** 60°C

**SPECIFIC GRAVITY** 1.6

**ADDITIONAL INFORMATION**

**ODOUR** odourless

**VAPOUR PRESSURE** no data

**VAPOUR DENSITY** no data

**SOLUBILITY** complete

## Section 10 STABILITY & REACTIVITY

**Chemical Stability** – STA

**Incompatible Material** – No data

**Hazardous Reactions** – No data

**Conditions to Avoid** – HAI

**Hazardous Decomposition Products** – No data

## Section 11 TOXICOLOGICAL INFORMATION

**Toxicity Data** – Oral rat LD50:7400mg/kg Investigated as a mutagen.

**Ingestion** Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhoea. May cause mild burning of mouth, throat and stomach. Its alkaline nature may injure the oesophagus and digestive tract. Aqueous highly alkaline may produce caustic burns.

**Eye** Causes irritation to eyes may be severe with possible corneal damage. Aqueous highly alkaline solutions may produce caustic burns.

**Skin** Causes irritation to skin. Symptoms include redness, itching and pain. Extent of damage depends on duration of contact. More serious effects may occur if the skin is moist. Aqueous highly alkaline solutions may produce caustic burns.

**Inhaled** Causes irritation to the respiratory tract. Symptoms may include coughing and shortness of breathe. Behaves as a moderately strong alkali intense exposure may result in the destruction of mucous membranes. May cause asthmatic bronchitis, chemical pneumonitis or pulmonary edema.

## Section 12 ECOLOGICAL INFORMATION

No data

## Section 13 DISPOSAL CONSIDERATIONS

Disposal of waste product and container in accordance with all local state and federal regulations at an approved facility.

Special precautions for land fill or incineration – no data

|                   |                              |
|-------------------|------------------------------|
| <b>Section 14</b> | <b>TRANSPORT INFORMATION</b> |
|-------------------|------------------------------|

|                                       |  |
|---------------------------------------|--|
| Un Number Not applicable              | Shipping Name Tri Sodium Phosphate Anhydrous |
| Dangerous Good Class Not applicable   | Subsidiary Risk – None allocated             |
| Packaging Group - not applicable      | Hazchem Code – Not applicable                |
| Special Precaution for use - Irritant |  |

|                   |                               |
|-------------------|-------------------------------|
| <b>Section 15</b> | <b>REGULATORY INFORMATION</b> |
|-------------------|-------------------------------|

Poisons Schedule – 5  
EPG – Not applicable  
AICS Name – Phosphoric Acid , Tri Sodium Salt  
NZ Toxic Substance – 4

|                   |                          |
|-------------------|--------------------------|
| <b>Section 16</b> | <b>OTHER INFORMATION</b> |
|-------------------|--------------------------|

**DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET**

**15<sup>th</sup> April 2016**

**CONTACT POINT – Les Buss – TELEPHONE (08) 9309 4222**

**AUTHORISATION FOR ISSUE**

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**DATE**

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**Les Buss**

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