

MATERIAL SAFETY DATA SHEET

Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY	Delshine Chemicals
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EMAIL	delshine-chemicals@bigpond.com
WEB SITE	www.delshinechemicals.com
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

HAZARDOUS According to the criteria of Worksafe Australia. Irritant

Risk Phrases R36/37/38 Irritating to eyes , respiratory system and skin.
R41 Risk of serious eye damage

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.

Section 3 COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Entity	Cas No	Proportion Mass %
Tri Sodium Phosphate Dodecahydrate	10101-89-0	100%

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/m³

Biological Limits Values

No data available

Section 9 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE crystalline white powder

PH 11.8

BOILING POINT °C decomposed

FREEZING POINT °C no data

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

Section 14	TRANSPORT INFORMATION
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Un Number Not applicable	Shipping Name Tri Sodium Phosphate Dodecahydrate
Dangerous Good Class Not applicable	Subsidiary Risk – None allocated
Packaging Group - not applicable	Hazchem Code – Not applicable
Special Precaution for use - Irritant	

Section 15	REGULATORY INFORMATION
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Poisons Schedule – 5
EPG – Not applicable
AICS Name – Phosphoric Acid , Tri Sodium Salt
NZ Toxic Substance – 4

Section 16	OTHER INFORMATION
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DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET

12th September 2008

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

AUTHORISATION FOR ISSUE

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DATE

Les Buss

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