

# 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	Glass Kleen
TRADE NAME	Glass Kleen
SHIPPING NAME ( section 14 )	Glass Kleen
USE	Glass preparation prior to tinting.
RESTRICTIONS	<b>Incompatibilities</b>

**Conditions to Avoid** Heat and Direct sunlight

## Section 2 HAZARDS CLASSIFICATION / IDENTIFICATION

**CLASSIFIED AS :NON HAZARDOUS – According to the criteria of NOHSC**

**Emergency Overview** : May be harmful if swallowed. Could cause eye and skin burns .

**Target Organs** – None

Potential Health Effects

**Eye** – May cause eye injury. Contact with liquid maybe corrosive to the eyes and cause severe burns.

**Skin** – Contact with liquid may cause burns and ulcerations.

**Ingestion** – Causes severe pain , nausea , vomiting , diarrhoea and shock. May cause haemorrhaging of the digestive tract. May cause corrosion and permanent tissue destruction of the oesophagus and digestive tract. May be harmful if swallowed.

**Inhalation** – Irritation may lead to chemical pneumontis and pulmonary oedema. Causes severe irritation of upper respiratory tract with coughing , burns , breathing difficulty and possible coma.

**Chronic** – Prolonged inhalation may cause respiratory tract inflammation and lung damage. Prolonged or repeated skin contact may cause dermatitis. Prolonged or repeated eye contact may cause conjunctivitis.

### RISK PHRASES :

R22 Harmful if swallowed

R41 Risk of serious damage to eyes

**SAFETY PHRASES:** S1/2 Keep locked up and out of reach of children

S 24 / 25 Avoid contact with skin and eyes

S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin wash immediately of water.

S36/37/39 Wear suitable protective clothing , gloves and eye/face protection

S S46 If swallowed seek medical advice immediately show container and label

### **Section 3** **COMPOSITION / INFORMATION OF INGREDIENTS**

<b>Chemical Entity:</b>	<b>CAS No:</b>	<b>Proportion (% mass)</b>
Ethoxylated C12C15 Alcohols	68131-39-5	<10

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

**Eyes** – Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.

**Skin** – Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Discard contaminated clothing in a manner which limits further exposure.

**Ingestion** – DO NOT induce vomiting. If victim is conscious and alert give 2 – 4 cupfuls of milk or water. Get medical aid immediately.

**Inhalation-** Remove from exposure to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult give oxygen . DO NOT use mouth to mouth respiration.

**Note to Physician** – Treat symptomatically and supportively.

**First Aid Facilities:** **Ensure an eye bath and safety shower are available and ready for use.**

### **Section 5** **FIRE FIGHTING MEASURES**

**FIRE** : Extreme heat or contact with metals can release flammable hydrogen gas.

**EXPLOSION** : Not considered to be an explosion hazard.

**FIRE EXTINGUISHING MEDIA** : If involved in a fire use water spray. Neutralize with soda ash or slaked lime.

**SPECIAL INFORMATION** : In the event of a fire wear full protective clothing and NIOSH – approved self contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### **Section 6** **ACCIDENTAL RELEASE MEASURES**

**VENTILATE AREA OF LEAK OR SPILL** : Wear appropriate personal protective equipment as specified in section 8 . Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material ( Soda ash, lime ) then absorb with an inert material

( eg – vermiculite , dry sand , earth ) and place in a chemical waste container. Do not use combustible materials such as sawdust. Do not flush to sewer.

### **Section 7** **HANDLING AND STORAGE**

**Handling and storage** : Store in a cool dry ventilated storage area . Protect from physical damage. Keep out of direct sunlight and away from heat , water and incompatible materials. Do not wash out containers and use it for other purpose. Containers of this material may be hazardous when empty since they retain product residues, vapours and liquids. Observe all warnings and precautions listed for the product.

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

Engineering Controls – Facilities storing or utilizing material should be equipped with and eyewash facility and safety shower. Use adequate general or local exhaust ventilation to keep air borne concentrations below the permissible exposure limits.

NOHSC exposure standards – Phosphoric Acid – TWA 1mg/m<sup>3</sup> , STEL 3mg/m<sup>3</sup> – Hydrogen Chloride 7.5 mg/m<sup>3</sup> ( Peak limitation )

Personal Protection.

Eyes – Wear appropriate protective eyeglasses or chemical safety goggles.

Skin – Wear appropriate protective gloves to prevent skin exposure.

Clothing – Wear appropriate protective clothing to prevent skin exposure

Respirators – Wear an AS1715/1716 approved full face piece airline respirator in the positive pressure mode with emergency escape provisions.

## **Section 9 PHYSICAL & CHEMICAL PROPERTIES**

**APPEARANCE – Colourless**

**PH – For HCl Solutions 1.9**

**BOILING POINT °C - 100°C**

**FREEZING POINT °C – not available**

**SPECIFIC GRAVITY – 1.1**

**Melting Point –**

**ODOUR - Acidic**

**VAPOUR PRESSURE**

**VAPOUR DENSITY – Not available**

**SOLUBILITY – Infinite in water with slight evolution of heat**

## **Section 10 STABILITY & REACTIVITY**

Chemical Stability – stable under normal temperatures and pressures.

Conditions to Avoid – Incompatible materials , metals , excess heat.

Incompatibilities with other materials – reacts with alkalis ( bases ) to form phosphate salts and is corrosive ( especially when hot ) to many metals and alloys. Liberates explosive hydrogen gas when reacting with stainless steel ( slow )

Hazardous Decomposition – Products – Oxides of phosphorus.

Hazardous Polymerization – May occur

## **Section 11 TOXICOLOGICAL INFORMATION**

## **Section 12 ECOLOGICAL INFORMATION**

**Environmental Fate :** When released into the soil this material is not expected to biodegrade. When released into the soil this material may leach into ground water.

**Environmental Toxicity :** This material is expected to be toxic to aquatic life.

## Section 13 DISPOSAL CONSIDERATIONS

Dispose of container and unused content in accordance with federal , state and local requirements.

## Section 14 TRANSPORT INFORMATION

**No Special Requirements**

## Section 15 REGULATORY INFORMATION

### POISONS SHEDULE ( SUSDP )

**SUSDP poison Schedule** : S26 ( requires child proof lid on 5 lts or less.

**SAFETY DIRECTIONS** : Avoid contact with skin and eyes. Avoid breathing vapour or spray mist.

**FIRST AID** : For advise contact a Poisons Information Centre

( Phone Australia 131 126 ) or a doctor at once. If swallowed do not induce vomiting.

If in eyes hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by poisons information centre or a doctor, or for at least 15 minutes. If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water.

## Section 16 OTHER INFORMATION

NFPA Rating : Health : 3 Flammability : 0 Reactivity : 0

**Label Precautions** : Do not get in eyes on skin or on clothing . Do not breathe vapour or mist. Use only with adequate ventilation. Wash thoroughly after handling. Store in a tightly closed container. Remove and wash contaminated clothing promptly.

**DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET :**  
**25<sup>th</sup> March 2016**

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**AUTHORISATION FOR ISSUE** \_\_\_\_\_

**DATE**

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**Les Buss**

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