

MATERIAL SAFETY DATA SHEET

Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY Delshine Chemicals
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EMAIL delshine-chemicals@bigpond.com
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BRAND NAME – LOO CLEAN
TRADE NAME – LOO CLEAN

SHIPPING NAME (section 14) LOO CLEAN
USE – CLEANING PORCELAIN TOILETS AND BASINS
RESTRICTIONS – DO NOT USE ON STAINLESS STEEL OR ANY METALS AS THE PRODUCT IS CORROSIVE

Section 2 HAZARDS CLASSIFICATION / IDENTIFICATION

CLASSIFIED AS : HAZARDOUS – According to the criteria of NOHSC
UN NUMBER : 1789

T – TOXIC
RISK PHRASES : C - CORROSIVE
R23 - Toxic by inhalation.
R34 – Causes burns
R36/37/38 Irritating to skin eyes and respiratory system
R39 Wear suitable protective clothing , gloves and eye/face protection
SAFETY PHRASES: S1/2 - Keep locked up and out of reach of children.
S24/25 - Avoid contact with skin and eyes.
S26 - In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.
S45 - In case of accident or you feel unwell seek medical advice immediately (show label whenever possible)

Section 3 COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Entity:	CAS No:	Proportion (% mass)
Hydro Chloric Acid	7647-01-0	< 30 %

Section 4

FIRST AID MEASURES

Poisons Information Centres in each State capital city can provide additional assistance for scheduled poisons. Ring 13 11 26

Ingestion : Immediately rinse mouth with water. Give water to drink. DO NOT induce vomiting. If vomiting occurs place victims face downwards head lower than hips to prevent entering lungs. Seek medical assistance.

Eye Contact : Immediately irrigate with copious quantities of water for at least 15 minutes. Eye lids to be held open. Seek medical assistance.

Skin Contact : Immediately wash contaminated skin with plenty of water. For gross contamination immediately drench with water and remove clothing. Remove contaminated clothing and wash before use. If swelling , redness , blistering or irritation occurs seek medical advice.

Inhalation : Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest of the patient.

Notes to physician : Treat symptomatically as for exposure to acidic corrosive substances based on judgement of doctor and individual reaction of the patient.

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

Section 5

FIRE FIGHTING MEASURES

Specific Hazards : Decomposition of product may include toxic oxides of sulphur and carbon.

Fire Fighting further advice : Not combustible , however reaction with metals will produce flammable hydrogen gas which will burn if ignited. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media : Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide , dry chemical powder)

HAZCHEM CODE : 2R

Section 6

ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination. Contain using sand and soil – prevent runoff into drains and waterways. Use absorbent (soil or sand , inert material, vermiculite) Collect and seal in properly labeled containers for disposal. If contamination of sewer or waterways has occurred advise local emergency services.

Section 7

HANDLING AND STORAGE

Store in a cool dry area away from oxidizing agents, alkalis and strong acids.

Transport – Transport in accordance with the Australian Dangerous Goods code of Class8

Incompatibilities – Solutions will corrode with mild steel, lead , zinc and aluminium.

Flammability - Non Flammable

Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits.

No value assigned for this specific material by the National occupational Health and Safety Commission (Worksafe Australia)

However Exposure standards for constituent : Sulphuric Acid TWA = 1 mgm/m³

Engineering Measures : Avoid generating aerosol mists.

Personal Protection Equipment : Avoid skin and eye contact. Wear protective clothing impervious gloves and eye protection.

Section 9 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE – pale green / blue liquid

ODOUR- Sweet

PH - 1.3

VAPOUR PRESSURE not available

BOILING POINT °C - 100

VAPOUR DENSITY not available

FREEZING POINT °C – not available

SOLUBILITY complete

SPECIFIC GRAVITY - 1.1

ADDITIONAL INFORMATION

Section 10 STABILITY & REACTIVITY

Stability : Stable when stored under normal ambient conditions.

Hazardous Decomposition Products : Decomposition may produce oxides of sulphur and carbon.

Hazardous Polymerisation : Will not occur

Compatibility : Incompatible with strong oxidizing and reducing agents , cyanides and organic substances.

Section 11 TOXICOLOGICAL INFORMATION

Skin Main Symptoms : No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are :

Acute

Ingestion : Swallowing can result in nausea , vomiting , diarrhoea , abdominal pain, perforation of the gastrointestinal tract, chemical burns to mouth throat and abdomen.

Eye Contact : Corrosive to eyes. Contact can cause corneal burns and can result in permanent injury.

Contact : Contact with skin may cause skin burns and severe irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Inhalation : Inhalation of mists may result in mucous membrane and respiratory irritation and possible harmful corrosive effects including pulmonary oedema.

Section 12 **ECOLOGICAL INFORMATION**

No data available for LOO CLEAN

At point of entry to waterway , LOO CLEAN will locally depress pH of water and cause some ecotoxic effects . Avoid contaminating waterways.

Section 13 **DISPOSAL CONSIDERATIONS**

Refer to State Land Waste Management Authority. Empty containers must be decontaminated . Can be greatly diluted or carefully neutralized with dilute alkali and flushed to drain with copious amounts of water. Normally suitable for disposal at approved land waste site.

Section 14 **TRANSPORT INFORMATION**

UN NUMBER : 1789

UN PROPER SHIPPING NAME : LOO CLEAN

CLASS: 8 PACKING GROUP: 11

HAZCHEM CODE: 2R

SUBSIDIARY RISK POISONS SCHEDULE S6 ERG 37

Section 15 **REGULATORY INFORMATION**

POISONS SHEDULE (SUSDP) S6

(REQUIRES CHILD PROOF LID ON ALL VOLUMES 5 LT AND UNDER.)

R36/ 37/38 Irritating to skin eyes and respiratory system.

R39 Wear suitable protective clothing , gloves and eye/face protection

S1 / 2 Keep locked up and out of reach of children.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

S45 In case of accident or you feel unwell seek medical advice immediately
(show label whenever possible)

Section 16 **OTHER INFORMATION**

DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET :

7th February 2016

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

AUTHORISATION FOR ISSUE

Les Buss

DATE ____/____/____

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