



Revised 12th May 2021

SAFETY DATA SHEET

StellarClean

KegLand Distribution PTY LTD

410 Princes Highway,

Noble Park VIC 3174

1. Product Name StellarClean

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT IDENTIFICATION:

Product Names:
StellarClean

Supplier's Product Code:
KL05494

Other Names: Powerful Brewery Wash, Silicates, Oxidizing agents, Phosphates and Surfactants

Recommended Use: General chemical

Formula:

Supplier Name KegLand Distribution PTY LTD

Address 410 Princes Highway, Noble Park, VIC, 3174

Telephone +61390187935

2. HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: WARNING

HAZARD CATEGORY:

H315 – Causes skin irritation

H318 – Causes serious eye damage

RISK PHRASES:

R41 - Risk of serious damage to eyes.

SAFETY PHRASES:

S24/25 – Avoid contact with eyes and skin.

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 if you feel unwell, seek medical advice immediately (show the label whenever possible).

The information contained in this MSDS is specific to the product when handled and used neat. This product when diluted may not require the same control measures as the neat product. Check with your technical representative if in doubt.

3. COMPOSITION – HAZARDOUS INGREDIENTS

HAZARDOUS SUBSTANCE. DANGEROUS GOODS

This product may require submission of an annual report on the release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). Components present in this product at a level which reporting under the statute are:

	%	TLV LIMIT IN AIR
Sodium Metasilicate (CAS# 006834-92-0)	30%	2 mg/m ³ (PEL) 2 mg/m ³ (OSHA)

PHYSICAL DATA

APPEARANCE:	White Powder
SOLUBILITY IN WATER:	< 10%
ODOR:	Odorless
pH of 1% SOLUTION:	11-12
MELTING POINT:	N/A
BULK DENSITY:	64 lbs/cu ft

4. FIRST AID MEASURES

INGESTION:	If conscious, give several glasses of milk or water. Call a physician immediately. If swallowed do NOT induce vomiting.
EYE CONTACT:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a physician, or for at least 15 minutes.
SKIN CONTACT:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops see a physician
INHALATION:	Remove from source of exposure to fresh air. Seek medical assistance if the effects persist. ** SHOW THIS SAFETY DATA SHEET TO A DOCTOR **
FIRST AID FACILITIES:	Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Use fine water spray, normal foam or dry chemicals (carbon dioxide)
HAZARDS FROM COMBUSTION:	N/A

**PRECAUTIONS FOR FIRE FIGHTERS AND SPECIAL PROTECTIVE EQUIPMENT:
HAZCHEM CODE:**

Fire fighters should wear self-contained breathing apparatus and protective clothing.

2X

FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable

EXTINGUISHING MEDIA: Water, carbon dioxide, foam

UNUSUAL FIRE & EXPLOSION HAZARDS: None known

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES:

Ensure adequate ventilation, work up wind or increase ventilation. Do not touch or walk through spillage area, slippery upon spillage. Wear protective equipment to prevent skin and eye contamination. Ensure all spectators or unprotected personnel are kept away from the spillage area.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:

Use clean, non-sparking tools to transfer material to a clean, dry plastic container for disposal. Contain the spill if safe to do so and prevent run off into confined areas, drains and waterways. Flush area with warm water.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Ensure adequate ventilation and safety showers and eye wash facilities are provided within the immediate working area for emergency use. Avoid formation of aerosols and dust. Avoid breathing dusts/aerosols and avoid contact with skin, eyes and clothing. Do not ingest, breathe in vapours or mist. Wear personal protective equipment including gloves, eye protection, face protection. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re use.

CONDITIONS FOR SAFE STORAGE

Store in the original container in a cool, dry, well ventilated place, out of direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS

No Workplace Exposure Standard is assigned to this chemical by Safe Work Australia

**BIOLOGICAL LIMIT VALUES:
ENGINEERING CONTROLS:**

No information available

Ensure ventilation is adequate, if spraying chemical over a prolonged period, wear a respirator. Wear safety glasses, rubber boots and full length nitrile, neoprene rubber or PVC gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White, solid crystalline powder or granules
ODOUR:	Odourless
PH (NEAT):	11-12
SPECIFIC GRAVITY OR DENSITY:	Not available
VAPOUR PRESSURE:	Not available
PERCENT VOLATILES:	No information available
BOILING POINT / RANGE:	No available
FREEZING / MELTING POINT:	Not available
SOLUBILITY:	Miscible
FLASH POINT:	No information available
FLAMMABILITY LIMITS:	No information available
IGNITION TEMPERATURE:	No information available
OTHER:	None

10. PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL STABILITY:	Stable under normal dry conditions and recommended use. Will pick up water.
CONDITIONS TO AVOID:	Direct sunlight.
INCOMPATIBLE MATERIALS:	Incompatible/reactive with acids
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition may produce irritating, toxic and/or corrosive gases including carbon dioxide and carbon monoxide
HAZARDOUS REACTIONS:	None.

11. TOXICOLOGICAL INFORMATION

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

ACUTE EFFECTS:	
INGESTIONS:	Swallowing can result in nausea, vomiting, and abdominal pain.
EYE CONTACT:	Irritant, prolonged eye contact may damage eyes.
SKIN CONTACT:	Irritant, prolonged contact will cause redness and swelling.
ACUTE INGESTION:	Acute toxicity (Oral) - For Sodium metasilicate - LD50 dermal, Rat: >5000 mg/kg (experimental value)
CARCINOGEN CATEGORY:	None

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Avoid contaminating waterways: Sodium metasilicate (6834-92-0) LC50, Fish 1 (Brachydanio rerio): 210 mg/L (96h) EC50, Crustacea 1 (Daphnia magna): 216 mg/L (96h) LC50, Fish 2 (Gambusia affinis): 2320 mg/L (96h) EC50, Crustacea 2 (Lymnaea spp.): 632 mg/L (96h)
PERSISTENCE AND DEGRADABILITY:	No information available
MOBILITY:	No information available
OTHER:	No information available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with local regulations and environmental legislation.

SPECIAL CONSIDERATIONS FOR LANDFILL OR INCINERATION: Should not be released into the environment.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT:

UN NUMBER: 1759

UN PROPER SHIPPING NAME: Corrosive Solid, N.O.S

CLASS AND SUBSIDIARY RISK(S): 8

PACKAGING GROUP: II

HAZCHEM CODE: 2X

INITIAL EMERGENCY RESPONSE GUIDE: F-A, S-B

SEGREGATION DANGEROUS GOODS: Category A

MARINE TRANSPORT:

UN NUMBER: 1759

UN PROPER SHIPPING NAME: Corrosive Solid, N.O.S

CLASS AND SUBSIDIARY RISK(S): 8

PACKAGING GROUP: II

STOWAGE AND SEGREGATION: Category A

AIR TRANSPORT

UN NUMBER: 1759

UN PROPER SHIPPING NAME: Corrosive Solid, N.O.S

CLASS AND SUBSIDIARY RISK(S): 8

PACKAGING GROUP: II

ERG CODE: F-A, S-B

15. REGULATORY INFORMATION

GENERAL INFORMATION: No Data Available

POISONS SCHEDULE (AUST) Schedule 5

AICS STATUS Listed

NEW ZEALAND (NZIoC) Listed

Canada (DSL) Not Determined

Canada (NDSL) Not Determined

China (IECSC) Not Determined

Europe (EINECS) Not Determined

Europe (REACH) Not Determined

Japan (ENCS/METI) Not Determined

Korea (KECI) Not Determined

Malaysia (EHS Register) Not Determined

New Zealand: (NZIoC) Not Determined

Phillipines (PICCS) Not Determined

Switzerland (Giftliste 1) Not Determined

Switzerland (Inventory of Notified Substances) Not Determined

Taiwan (NCSR)
USA (TSCA)

Not Determined
Not Determined