

Infosafe No™ VAR7D      Issue Date : May 2016      ISSUED by HUNTERST

Product Name **CLEANLINE**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** CLEANLINE

**Company Name** Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

**Address** 60 Gleadow Street INVERMAY  
TAS 7248 Australia

**Telephone/Fax Number** Tel: 03 6331 4755  
Fax: 03 6334 1065

**Emergency phone number** 0407 610 542

**Recommended use of the chemical and restrictions on use** As a cleaner and steriliser for lines, pipes, cooling units and general equipment used in drawing beer. Use as directed on the product label.

## 2. Hazard Identification

**GHS classification of the substance/mixture** Skin Corrosion/Irritation: Category 1A

**Signal Word (s)** DANGER

**Hazard Statement (s)** H314 Causes severe skin burns and eye damage.

**Precautionary statement – General** P102 Keep out of reach of children.  
P103 Read label before use.

**Pictogram (s)** Corrosion



**Precautionary statement – Prevention** P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash contaminated skin thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response** P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P363 Wash contaminated clothing before reuse.

**Precautionary statement – Storage** P405 Store locked up.

**Precautionary statement – Disposal** P501 Dispose of contents/container in accordance with local regulations.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Sodium Hydroxide	1310-73-2	10-30 %
	Ingredients determined not to be hazardous		1-10 %
	Sodium metasilicate, pentahydrate	10213-79-3	1-10 %
	Water	7732-18-5	to 100%

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## 4. First-aid measures

<b>Inhalation</b>	Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.
<b>Ingestion</b>	Immediately rinse mouth with water. Do NOT induce vomiting. Give a glass of water to be taken slowly. Seek immediate medical attention.
<b>Skin</b>	Remove all contaminated clothing and immediately wash affected area with plenty of water. If swelling, redness, blistering or irritation occurs, seek medical advice.
<b>Eye contact</b>	Hold eyes open and flood with running water for at least 15 minutes, bathe eyes with soothing eyedrops or sterile saline, urgently seek medical attention. Transport to hospital or medical centre.
<b>First Aid Facilities</b>	Eye wash station and normal washroom facilities.
<b>Advice to Doctor</b>	Product is sodium hydroxide solution. If swallowed, may cause holes in stomach and intestines. Evacuation of stomach should not be attempted. Contact Poisons Information Centre.
<b>Most important symptoms/effects, acute and delayed</b>	No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use extinguishing media appropriate to surrounding fire.
<b>Hazards from Combustion Products</b>	Water vapour, carbon dioxide, oxides of nitrogen. Incomplete combustion may generate carbon monoxide.
<b>Specific Methods</b>	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
<b>Specific hazards arising from the chemical</b>	Not a fire hazard. Not an explosion hazard.
<b>Hazchem Code</b>	2R

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Spillages are slippery. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain using sand or soil - prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal. Wash area down with excess water. Caution - heat may be evolved.
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## 7. Handling and storage

<b>Conditions for safe storage, including any incompatibilities</b>	Store in cool place in original container. Store away from oxidisers, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a banded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
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## 8. Exposure controls/personal protection

<b>Appropriate engineering controls</b>	Avoid using active metals (such as aluminium, tin, zinc or galvanised iron), wood or wood products, as materials of construction. In very confined spaces have sufficient ventilation. Do not atomise the product. Do not enter confined spaces where vapours may have accumulated. Keep containers closed when not in use.
<b>Personal Protective Equipment</b>	Avoid contact with skin and eyes. Avoid breathing aerosols. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: Eye/face protection Gloves, rubber or plastic.

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Industrial Quantities:  
 Face shield or safety glasses  
 Gloves, rubber or plastic  
 Plastic apron, sleeves and boots  
 Impervious overalls.  
 Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Clear, colourless, mobile liquid.
<b>Odour</b>	Odourless.
<b>Boiling Point</b>	approx. 100C
<b>Solubility in Water</b>	Miscible with water in all proportions.
<b>Specific Gravity</b>	1.1
<b>pH</b>	highly alkaline, >13
<b>Flash Point</b>	None
<b>Flammability</b>	Not flammable.
<b>Other Information</b>	Very alkaline solution. Will react vigorously or violently with acids. Will absorb carbon dioxide from the air, forming sodium carbonate. Contact with ammonium compounds may generate ammonia, a toxic gas. Contact with active metals (such as aluminium, tin, zinc) may generate hydrogen, a flammable gas. Will attack wood and wood products (including paper, particle board, etc.). May attack glass on prolonged contact. May react with organic halides. Very slippery when spilled.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Incompatible materials.
<b>Incompatible Materials</b>	Acids, active metals, ammonium compounds, organic halides, metal salts, wood and wood products.
<b>Hazardous Decomposition Products</b>	Sodium oxide fume, traces of oxides of nitrogen.
<b>Possibility of hazardous reactions</b>	Reacts vigorously or violently with acids. Contact with ammonium compounds may generate ammonia gas. Contact with active metals may generate hydrogen.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50: Sodium Hydroxide: 40 mg/kg oral, mouse 140-340 mg/kg oral, rat Sodium metasilicate 1,153 mg/kg oral, rat.
<b>Ingestion</b>	Very corrosive. Causes burns to mouth and throat, nausea, vomiting, abdominal pains and diarrhoea (occasionally bloody). Can also cause swelling of the larynx and suffocation, perforation of stomach and intestines with constrictive scarring, heart failure and coma.
<b>Inhalation</b>	Inhalation of mists of the solution will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.
<b>Skin</b>	Corrosive to skin - may cause skin burns. Skin contact often does not cause pain, thus care should be taken to avoid contamination of gloves and footwear. Repeated or prolonged contact may lead to irritant contact dermatitis.
<b>Eye</b>	Corrosive to eyes; contact can cause conjunctivitis, corneal burns and ulceration, which can result in permanent injury and possible loss of sight.

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**Chronic Effects** Long term, low level exposure can lead to irritation of skin, lungs, nose, throat and mouth.

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic organisms.  
**Mobility** Readily transported by water.  
**Environmental Protection** Avoid contaminating waterways, drains, sewers, or ground.

## 13. Disposal considerations

**Waste Disposal** Land fill, incineration, sewer (small quantities). Refer to Land Waste Management Authority in your State.  
**Product Disposal** Avoid disposal to natural waters or the environment. Avoid using metal containers.  
**Special precautions for landfill or incineration** Unsuitable for incineration.

## 14. Transport information

**Transport Information** Classified as a Class 8 Dangerous Good. Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7. Store away from acids.  
**U.N. Number** 1719  
**UN proper shipping name** CAUSTIC ALKALI LIQUID, N.O.S.  
**Transport hazard class(es)** 8  
**Hazchem Code** 2R  
**Packing Group** II  
**EPG Number** 8A1  
**IERG Number** 37

## 15. Regulatory information

**Poisons Schedule** S6  
**Hazard Category** Corrosive  
**AICS (Australia)** All components listed.

## 16. Other Information

**Signature of Preparer/Data Service** Technical Manager (03) 6431 9627  
**Technical Contact Numbers** Emergency Advice All Hours:  
 Technical Manager: (03) 6431 9627 Mon-Fri 8am - 6pm  
 Poisons Information Centre: 13 11 26 - 24hrs  
 Transport/Fire Emergency: 000 (Emergency services)  
**Other Information** This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.  
 ...End Of MSDS...

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