

SAFETY DATA SHEET

06/08/14

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Name: **Provida Sluice Descaling Liquid**

A professional detergent descaler for use with bedpan washers to clean and eliminate the build-up of scale caused by the hot water/steam sterilisation process. For professional use only.

Company Name: **Provida**
4, Milner Road,
Burnham, Slough,
Berkshire
SL1 7PB
Tel: +44 (0) 1628 600250
Email: sales@provida-uk.com

2. Hazard Identification

According to 67/548/EEC and 1999/45/EC, this product is classified as;
C; Corrosive.

R22: Harmful if swallowed

R35: Causes severe burns

R41: Risk of serious damage to eyes

Environment: Biodegradable. See Ecological Information (Section 12) for further details.

(See also Section 15 for Regulatory Information)

3. Composition/information on ingredients

Components

Common Name	CAS	Classification	Conc (%)
TETRASODIUM ETHYLENDIAMINE TETRAACETATE	64-02-8	Xn; R20/22, Xi; R38,41	5 - 15
SODIUM HYDROXIDE	1310-73-2	C: R35	5 - 15
TRISODIUM NITRILOTRIACETATE	5064-31-3	Xn: R40; Xn: R22; Xi: R36	1 - 5

The full texts for all R-phrases are displayed in Section 16 'Other Information'.

4. First Aid Measures

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Corneal burns may occur. May cause permanent damage. Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose. Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. Fire-Fighting Measures

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: Corrosive. In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. Handling and Storage

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. Exposure Controls/ Personal Protection

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. Physical and Chemical Properties

State: Liquid
Colour: Yellow
Odour: Barely perceptible odour
pH: Approx 13

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. Toxicological Information

Hazardous ingredients: SODIUM NITRIL-TRIACETATE MONOHYDRATE

Acute toxicity:

Oral Rat LD50 4200 mg/kg

Dermal Rabbit LD50 10000 mg/kg

Hazardous ingredients: TETRASODIUM ETHYLENDIAMINE TETRAACETATE

Acute toxicity:

Oral Rat LD50 3030 mg/kg

Dermal Rat LD50 > 5000 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. Ecological Information

Mobility: Soluble in water. Readily absorbed into soil.
Persistence and degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Results of PBT and vPvB assessment: Not Classified as PBT/vPvB by current EU criteria.
Other adverse effects: Negligible Ecotoxicity.

13. Disposal Considerations

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Do not puncture or incinerate even when empty.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

ADR / RID

UN no: 1824
Packing group: III
Shipping name: Sodium Hydroxide Solution
Labelling: 8
ADR Class: 8
Classification code: C5
Hazard ID no: 80



IMDG / IMO

UN no: 1824
Packing group: III
Marine pollutant: No
Labelling: 8
Class: 8
EmS: 8-06

IATA / ICAO

UN no: 1824 Class: 8
Packing group: III
Packing instructions: 819(P&CA); 821(PAO)
Labelling: 8

15. Regulatory Information

Hazard symbols: Corrosive.



Risk phrases: R22: Harmful if swallowed
R35: Causes severe burns
R41: Risk of serious damage to eyes

Safety phrases: S2: Keep out of the reach of children.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water.
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 where possible).

Hazardous ingredients (label): SODIUM HYDROXIDE

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other information

The labelling of the product is indicated in Section 15.

The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

R20/22: Harmful by inhalation and if swallowed.
R22: Harmful if swallowed
R35: Causes Severe Burns
R36/38: Irritating to eyes and skin.
R40: Limited evidence of a carcinogenic effect.
R41: Risk of serious damage to eyes

The information given has been compiled with reference to the Chemicals (Hazard Information & Packaging For Supply) Regulations (CHIP4) 2009 as amended, the Registration, Evaluation, Authorisation & Restriction of Chemicals (REACH) Regulations, as amended, the Control of Substances Hazardous to Health Regulations (COSHH) 2002, as amended, and Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. This information also harmonises the provisions and criteria for the classification and labelling of substances, mixtures and certain specific articles within the Community, taking into account the classification criteria and labelling rules of the GHS.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.