

# SAFETY DATA SHEET

## PRODUCT AND COMPANY IDENTIFICATION:

### DOO-AWAY

Concentrated Dairy Shed Cleaner.

#### XC Waikato Ltd

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After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

## HAZARD IDENTIFICATION:

Hazardous Substances & New Organisms Act (HSNO) 1996 and Classification Regulations 2001 for the product of this concentration:

- 8.1A May be corrosive to metals.
- 6.1D (oral) Harmful if swallowed.
- 8.2B Causes severe skin burns and eye damage.
- 8.3A Causes serious eye damage.
- 9.1D Harmful to aquatic life.

Cleaning Products Corrosive Group Standard:

HSR No: 2526.

## COMPOSITION & INFORMATION ON INGREDIENTS:

Sodium hydroxide (CAS# 1310-73-2)	414 g per litre.
Builder	2-10 %
Surfactant	2-10 %
Water	> 50 %

## FIRST AID MEASURES:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.  
IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.  
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.  
MEDICAL ASSISTANCE: If discomfort persists call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have label or Safety Data Sheet on hand.

## FIRE FIGHTING MEASURES:

This product is neither flammable nor combustible.  
Containers subject to the heat of a prolonged fire may explode or erupt scattering contents. Where possible remove drums and containers from the path of a fire, or cool with water spray.  
Firefighters must wear SCBA and chemical resistant suits.  
Firefighters may use fog (preferred) or water spray (not jet), foam, CO<sub>2</sub>, or dry chemical powder to extinguish a fire in the vicinity.

## ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate.  
Minor spills (up to 20 litres) should be diluted with water, neutralised where possible and removed with mops, absorbed with Mineral Sponge, dry rags, paper, sand, or soil. It may be possible to drain small neutralised spills to wastewater where this is permitted.  
Large spills (drums and IBCs) should be contained from local drainage with any suitable bund or barrier. If possible dilute the spill without increasing the possibility of non-containment, and clean up with absorbant material such as Mineral Sponge, dry earth, sand, or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spill.

## HANDLING AND STORAGE:

#### Precautions for Safe Handling:

Keep out of reach of children. Read label before use. Keep only in original container. Do not breathe spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves, protective clothing and eye /face protection.

#### Precautions for Safe Storage:

Store in corrosive resistant or original container with a resistant inner liner. Store locked up.

Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on the container.

Always replace lids and caps after using the product. Return all packages to safe storage as soon as possible after use.

**EXPOSURE CONTROLS & PERSONAL PROTECTION:**

Exposure controls: No data is available for the product.

Eye protection: Safety glasses.

Protective clothing: Chemically impregnable gloves, work shoes, protective work clothes (an apron or overalls).

Respiratory protection: Not required for the regular use of this product. If the liquid is being sprayed or vaporised, a face shield and/or respirator must be worn. These operations should be carried out by trained personnel only.

Ventilation: Where spraying or vaporising is being carried out, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

**PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Appearance</b>	Clear amber coloured liquid
<b>Odour</b>	None
<b>pH</b>	14.0 1% soln 13
<b>Flash Point</b>	Not applicable
<b>Ignition Point</b>	Not applicable
<b>Specific Gravity</b>	1.36
<b>Refractive Index</b>	48.5 Bx
<b>Viscosity</b>	Low
<b>Relative Foam</b>	Medium
<b>Solubility in water</b>	Completely in all proportions.

**STABILITY AND REACTIVITY:**

The product is considered stable under normal storage conditions.

Avoid contamination with oxidising substances.

Hazardous polymerisation will not occur.

Combustion of this product will release oxides of carbon.

**TOXICOLOGICAL INFORMATION:**

No data is available for the product.

Sodium hydroxide: LD50 Rabbit 1350 mg/kg

**ECOLOGICAL INFORMATION:**

No data is available for the product.

Sodium hydroxide: LC50 Oncorhynchus mykiss (freshwater fish) 45.4 mg/l 96 hr.

**DISPOSAL CONSIDERATIONS:**

Dispose of in accordance with local regulations by recognised waste disposal experts. Landfill or incineration is the preferred method. Spilled liquids may be neutralised, diluted, and disposed of through town wastewater systems where these are authorised for industrial use. Wash empty plastic containers before recycling.

**TRANSPORT INFORMATION:**

NZ Land Transport Rule: Dangerous Goods Rule 2005	Classified as a Dangerous Goods for Land Transport in New Zealand.
UN Number:	1824
Dangerous Goods Class:	8
Proper shipping name:	Sodium hydroxide solution
Hazchem Group:	2R
Packing Group:	II

**NZ REGULATORY INFORMATION:**

Hazardous Substances (HSNO) Act 1996 and Classification Regulations 2001 for the product of this concentration:

Cleaning Products Corrosive Group Standard: HSR No: 2526.

HSNO Act Controls Regulations 2001:

Limit and monitor exposure during the use of the product Make use of suitable equipment for handling the product

Wear suitable protective clothing while being used

Limit exposure to the environment Dispose of waste or spilt material only through a recognised expert company

**OTHER INFORMATION:**

Formulation reference and version number: Lab S2-173 Ver8.

This SDS was prepared from data available on 15 September 2016

This SDS was printed on 15 September 2016.

This SDS will be reviewed no later than 15 September 2021

**END OF THIS SAFETY DATA SHEET**

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