

Natural Choice Products Ltd

Safety Data Sheet

Brewline

1.IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Brewline
Recommend use: Sodium Hydroxide solution Oven cleaner
Supplier Name: Natural Choice Products Ltd
Address: 4/26 Bancroft Crescent, Glendene, Auckland
Telephone: (+64) 9 441 4238
Website: www.naturalchoice.co.nz

Emergency Phone: National Poisons Centre
0800 POISON (0800 764 766)

2. HAZARDS IDENTIFICATION

HSNO Approval Number:
Group Standard HSR002526

Hazard Classification:
8.1A, 8.2B, 8.3A, 9.1D



Hazard Statement:

May be corrosive to metals
Causes severe skin burns and eye damage
Causes serious eye damage
Harmful to aquatic life

PRECAUTIONARY STATEMENTS

Prevention

Keep only in original container.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection

Response

- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or Hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 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 0800 POISON (0800 764 766) or doctor/physician.

If skin irritation or rash occurs: Get medical advice/attention.

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

Storage:

Store locked up.

Store in corrosive resistant container or with a resistant inner liner.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Concentration % w/w
Sodium hydroxide	1310-73-2	25-35
Other ingredients, determined not to be hazardous subject to the provisions of the Hazardous Substances (Identification) Regulations 2001, make up the product concentration to 100%.		

4. FIRST AID MEASURES

For advice, contact National Poisons Centre (0800 POISON; 0800 764 766) or a doctor.

Have product container or label available.

Ingestion

- Do not induce vomiting. Rinse mouth.
- Drink one or two large glasses of water.
- Contact a Poisons Information Centre (0800 764 766) or a doctor.
- Get medical attention immediately.
- Never give anything by mouth to an unconscious person.
- If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
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Skin

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with plenty of water for at least 15 minutes.
- Wash clothing before reuse. Clean shoes thoroughly before reuse
- Seek medical attention in event of irritation.

Eye

- If in eyes, hold eyelids apart and flush the eye continuously with running water.
- Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay; if pain persists or recurs seek medical attention.

Inhalation

- If inhaled, remove to fresh air.
- If not breathing, give artificial respiration.
- If breathing is difficult, give oxygen.
- Get medical attention immediately.

Advice to Physician

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

5. FIRE FIGHTING MEASURES

Flash Point:	Not available
Auto ignition Temperature:	Not available
Flammable Limits in Air % by Volume:	Not available
Extinguishing Media:	All
Fire Fighting Instructions:	Noncombustible
Unusual Fire and Explosion Hazards:	Not considered a significant fire risk, however containers may burn. May emit corrosive fumes

6. ACCIDENTAL RELEASE MEASURES

MINOR SPILLS

Clean up all spills immediately.

- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

7. HANDLING AND STORAGE

PROCEDURE FOR HANDLING

- DO NOT allow clothing wet with material to stay in contact with skin.
- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- WARNING: To avoid violent reaction, ALWAYS add material to water and NEVER water to material.

SUITABLE CONTAINER

- Lined metal can, lined metal pail/ can.
- Plastic pail.
- Polyliner drum.
- Packing as recommended by manufacturer.
- For low viscosity materials
- Drums and jerricans must be of the non-removable head type.
- Where a can is to be used as an inner package, the can must have a screwed enclosure.

STORAGE REQUIREMENTS

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.
- DO NOT store near acids, or oxidizing agents.
- No smoking, naked lights, heat or ignition sources.

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m ³	STEL mg/m ³	STEL ppm	Peak mg/m ³
New Zealand Workplace sodium hydroxide 2 Exposure Standards (Sodium hydroxide) (WES)						2

The following materials had no OELs on our records

Water: CAS: 7732- 18- 5

PERSONAL PROTECTION

- RESPIRATOR:** Type B-P Filter of sufficient capacity
- EYE:** Safety glasses with unperforated side shields may be used where continuous eye protection is desirable, as in laboratories; spectacles are not sufficient where complete eye protection is needed such as when handling bulk-quantities, where there is a danger of splashing, or if the material may be under pressure.
- Chemical goggles. Whenever there is a danger of the material coming in contact with the eyes; goggles must be properly fitted.
- Full face shield (20 cm, 8 in minimum) may be required for supplementary but never for primary protection of eyes; these afford face protection.
- Alternatively, a gas mask may replace splash goggles and face shields.
- HANDS/FEET:** Elbow length PVC gloves.
- When handling corrosive liquids, wear trousers or overalls outside of boots, to avoid spills entering boots Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as: frequency and duration of contact, chemical resistance of glove material, glove thickness and dexterity.
- OTHER** Overalls. PVC Apron. PVC protective suit may be required if exposure severe. Eyewash unit

ENGINEERING CONTROLS

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Clear
Odour:	Faint odour
Melting Point:	Not Available
Vapour pressure:	Not Available
Specific gravity:	1.8 to 2.51
Flash point	Product does not support combustion
Vapour density	Not Available
PH	≥ PH14

10. STABILITY AND REACTIVITY

- Stability:** The product is stable under normal ambient conditions of temperature and pressure.
- Conditions to Avoid:** None identified.

Materials to avoid:	Acid.
Hazardous Decomposition Products:	These products are carbon oxides (CO, CO ₂), Some metallic oxides.
Hazardous Reactions:	No hazardous reactions expected.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

Ingestion:	<p>The material can produce severe chemical burns within the oral cavity and gastrointestinal tract following ingestion.</p> <p>The material can produce severe chemical burns to the eye following direct contact.</p> <p>Vapors or mists may be extremely irritating.</p>
Eye contact:	<p>When applied to the eye(s) of animals, the material produces severe ocular lesions which are present twenty-four hours or more after instillation.</p> <p>Direct contact with alkaline corrosives may produce pain and burns. Oedema, destruction of the epithelium, corneal specification and iritis may occur.</p>
Inhalation:	<p>Evidence shows, or practical experience predicts, that the material produces irritation of the respiratory system in a substantial number of individuals following inhalation.</p>
Chronic effects:	<p>Repeated or prolonged exposure to corrosives may result in the erosion of teeth, inflammatory and ulcerative changes in the mouth and necrosis (rarely) of the jaw. Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue.</p> <p>Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.</p>
Toxicity and Irritation:	<p>Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic case.</p>

12. ECOLOGICAL INFORMATION

Environmental	Risk Phrases: Harmful to aquatic life may cause long lasting effects Harmful to terrestrial vertebrates.
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Ecotoxicity Ingredient	Persistence Water/Soil: Mobility	Persistence: Air	Bioaccumulation	Mobility
sodium hydroxide	LOW		LOW	HIGH
Water	LOW		LOW	HIGH

13. DISPOSAL CONSIDERATION

Methods of disposal

Do not reuse product container.

The generation of waste should be avoided or minimized wherever possible.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of via a licensed waste disposal contractor.

14. TRANSPORT INFORMATION



Proper Shipping Name CORROSIVE, BASIC, INORGANIC, N.O.S.

UN No: 3266

Dangerous Goods Class: 8

Hazchem Code: 2X

Packing Group: II

15. REGULATORY INFORMATION

ERMA NZ Registration Number HSR002526

ERMA Group Standard: Cleaning Products (Corrosive) Group Standard 2006

HSNO Classifications:

6.1D: Substances that are acutely toxic – Harmful

8.1A: Substances that are corrosive to metals

8.2B: Substances that are corrosive to dermal tissue UN PGII

8.3A: Substances that are corrosive to ocular tissue

9.1D: Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action

16. OTHER INFORMATION

Date of previous issue: 13/1/2019

New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]

New Zealand Emergency Services: 111

For General Information: Natural Choice Products Ltd

PH: (09) 441 4238

Natural Choice Products Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulation.