

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- **Product (material) name:** IC128
- **Other names:** None
- **Recommended use:** Oven and grill cleaner
- **Supplier:** Sprint Cleaning Products, 1/90 Heathcote Rd Moorebank NSW, 2170
- **Tel:** 02 8712 2406
- **Emergency:** Contact Poisons Info Centre 131 126 or Manufacturer

SECTION 2: HAZARDS IDENTIFICATION

- **Classification of the substance or mixture:**
 Ingredients in formulation are classified as hazardous according to the Globally Harmonised System of Classification and Labelling (GHS).
- **Pictograms**



- **Signal word:** Danger
- **Hazard statement(s):**
 H302: Harmful if swallowed
 H314: Causes severe skin burns and eye damage
- **Precautionary statement(s):**
 260 - Do not breathe mist, vapours, spray
 P264 - Wash exposed skin thoroughly after handling
 P270 - Do not eat, drink or smoke when using this product
 P280 - Wear protective gloves, protective clothing, eye protection, face protection
 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
 P405 - Store locked up
 P501 - Dispose of contents/container to comply with local, state and federal regulations

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE:

Chemical name	CAS No.	% product
Potassium Hydroxide	1310-58-3	10-20
WATER AND OTHER NON HAZAROUS SUBSTANCES	Various	To 100

This is a commercial product and the exact ratio of ingredients may vary slightly and trace quantities of impurities are also possible.

SECTION 4: FIRST AID MEASURES

General information For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor

Inhalation Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Skin contact Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation persists, seek medical attention.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.

Ingestion Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media Foam, dry powder, carbon dioxide, water spray, sand

Unsuitable extinguishing media Do not use a heavy water stream

Reactivity Decomposition generates : Corrosive vapours

Fire fighting instructions Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Prevent spills entering waterways.
Absorb with sand or dilute with large amounts of water. Collect spillage and store away from other materials. Ventilate area.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe mist, vapours, spray. Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities:

Incompatible with strong acids, sunlight or sources of ignition. Keep in original container and keep tightly closed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards:

Chemical	TWA (mg/m ³)	STEL (mg/m ³)
Potassium hydroxide	2	-

Engineering controls:

Local exhaust ventilation usually required. If risk of overexposure exists, wear approved respirator.

Personal protective equipment

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: 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. Elbow length PVC gloves.
When handling corrosive liquids, wear trousers or overalls outside of boots, to avoid spills entering boots.

Respirator: Particulate

Other: PVC Apron. PVC protective suit may be required if exposure severe. Eyewash unit. Overalls.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & odour:	Brown liquid
pH:	13-14
Boiling point:	100 °C
Flash point:	N/A
Flammability:	N/A
Specific gravity:	1.00-1.015`
Water solubility:	Miscible

SECTION 10: STABILITY AND REACTIVITY

- Chemical stability** Stable under normal conditions. Thermal decomposition generates corrosive vapours.
- Conditions to avoid:** Avoid mixing with acids. Direct sunlight. High temperatures.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye: A severe eye irritant. Corrosive and can cause permanent injury.
Skin: Contact with Skin may result in severe burns.
Ingestion: Severely irritating to throat and stomach
Inhalation: Causes burns and will irritate respiratory tract

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life*
Persistence and degradability: Not determined
Mobility Potassium hydroxide has a high mobility in water. Not determined in soil.

* based on potassium hydroxide at 100%

SECTION 13: DISPOSAL CONSIDERATIONS

- Disposal methods and containers**
Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal regulations.

Avoid release into waterways. When diluted with water, the product is not expected to cause harm.

SECTION 14: TRANSPORT INFORMATION

<input type="checkbox"/> UN Number	1813/1814
<input type="checkbox"/> UN Proper Shipping Name	Potassium Hydroxide
<input type="checkbox"/> Class and subsidiary risk	8
<input type="checkbox"/> Packing Group	11
<input type="checkbox"/> Special precautions for user	
<input type="checkbox"/> Hazchem Code	2R

SECTION 15 REGULATORY INFORMATION

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Potassium hydroxide is listed in schedule 6 of the SUSMP.

NOTE: Schedule 6 chemicals are Substances with a moderate potential for causing harm, the extent of which can be reduced through the use of distinctive packaging with strong warnings and safety directions on the label.

SECTION 16 OTHER INFORMATION

- Date of preparation or last revision of the MSDS** December 2016

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
ASCC	Office of the Australian Safety and Compensation Council
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

Disclaimer:

A) This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. The information is meant to describe Safety Requirements of the product and should not be construed as guaranteeing specific properties. This MSDS is analogous to the data for the principal components of the mixture/compound. No warranty, express or implied, is made as to its accuracy, reliability or completeness.

B) Each user should read this MSDS, all product labels, and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

C) We can not accept any liability for any damage or injury caused by the product as it is sold and its use, handling and storage are completely out of our control.