

EXAMPLE MATERIAL SAFETY DATA SHEET**K-POW OVEN & GRILL CLEANER**

Date Issued: 24 April 2018

Supersedes: 15 October 2015

STATEMENT OF HAZARDOUS NATURE

Classified as Hazardous according to criteria of NOHSC Australia – Corrosive.

R35: Causes severe burns. R41: Risk of serious damage to eyes.

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National Poisons: (64) 3 474 7000

Emergency Telephone:**ERS: 1800 033 222 (24h)**

National Poisons Information Centre:
(61) 13 11 26

IDENTIFICATION

PRODUCT NAME:	K-POW OVEN & GRILL CLEANER
PRODUCT CODE:	15367 (549210) K-POW OVEN & GRILL CLEANER 5L
UN NUMBER:	1719
PROPER SHIPPING NAME	CAUSTIC ALKALI LIQUID, N.O.S. (Contains < 50% Potassium Hydroxide)
DANGEROUS GOODS CLASS:	8
PACKING GROUP	II
HAZCHEM CODE:	2R
POISON SCHEDULE NUMBER:	S6
SAFETY PHRASES	S1/2: Keep locked up and out of reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39: Wear suitable gloves and eye/face protection. S45: In case of accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
PRODUCT USE:	Liquid applied oven and grill cleaner.

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE / ODOUR	Clear brown liquid with characteristic odour.
BOILING POINT	Not available.
MELTING POINT	Not available.
VAPOUR PRESSURE	Not available.
SPECIFIC GRAVITY	Approx. 1.362 at 20°C.
FLASH POINT	Not applicable.
FLAMMABLE LIMITS	Not applicable.
WATER SOLUBILITY	Miscible.

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OTHER PROPERTIES

STABILITY / REACTIVITY	Product is stable under normal conditions of use. Reacts vigorously with acids. Incompatible with aluminium, ammonium salts, tin and zinc.
EVAPORATION RATE	Not available.
pH (neat)	> 12.5 at 20°C.
HAZARDOUS VOLATILE ORGANIC COMPOUNDS	Not applicable.

INGREDIENTS

<u>Ingredient</u>	<u>Proportion</u>	<u>Exposure Limit</u>
Potassium Hydroxide (CAS# 1310-58-3)	< 50%	2 mg/m ³ TWA NOHSC Peak Limitation STEL NOHSC
Sequestrant	< 10%	Not established
Surfactant	< 10%	Not established
Other ingredients determined not to be hazardous	to 100 %	Not established

HEALTH HAZARD INFORMATION**ACUTE HEALTH EFFECTS**

- SWALLOWED	Corrosive. Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the mouth and gastrointestinal tract.
- EYE	Corrosive to eyes. Contact can cause corneal burns and can result in permanent eye injury.
- SKIN	Corrosive to skin. May cause skin burns or irritation.
- INHALED	Inhalation of mist may cause irritation of the respiratory system. Possible corrosive effects include lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

CHRONIC HEALTH EFFECTS No effects reported following long-term exposure.

FIRST AID:

- SWALLOWED	Rinse mouth with water. Do not induce vomiting. Give 1-2 glasses of water. For advice, contact a Poisons Information Centre or a doctor at once.
- EYE	Hold eyelids open and flush immediately with plenty of water for 15 minutes. Seek medical advice immediately.
- SKIN	Wash contaminated area with plenty of water for 15 minutes. Remove immediately contaminated clothing. If irritation occurs, get medical attention.
- INHALED	Remove to fresh air. If you feel unwell, get medical attention.
FIRST AID FACILITIES	Eye wash station, safety shower and normal washroom facilities.
ADVICE TO DOCTOR	Treat symptomatically.

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PRECAUTIONS FOR USE:

EXPOSURE LIMITS	For specific exposure limits see the Ingredient Information.
ENGINEERING CONTROLS	Ensure ventilation is adequate and that air concentration of component is controlled below Exposure Standards. If inhalation risk exists, use with local exhaust ventilation or wear suitable mist respirator.
PERSONAL PROTECTION:	
- RESPIRATORY PROTECTION	If risk of inhalation exists, wear suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
- PROTECTIVE GLOVES	Nitrile, Neoprene, PVC or Rubber Gloves recommended.
- EYE PROTECTION	Recommend Chemical workers splash-proof goggles, face shield or wear eye/face protection.
OTHER PROTECTIVE MEASURES	Wear overalls, impervious apron, and rubber boots. Use good hygiene practices. Do not mix with hot water.
FLAMMABILITY	Not flammable but may give off toxic fumes if involved in a fire.

SAFE HANDLING INFORMATION

TRANSPORT OF DANGEROUS GOODS	Classified as Dangerous Goods Class 8 UN No. 1719 "Caustic Alkali Liquid, N.O.S." by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
STORAGE	Store in a cool dry place and out of direct sunlight. Store away from incompatible materials. Do not store in aluminium or galvanised containers. Keep from freezing. Store away from food and keep container closed when not in use. Keep out of reach of children and check regularly for leaks.
SPILL CONTROL	For small spills, wash to drain with plenty of water. For large spills, contain spill with sand, earth or similar inert absorbent material. Sweep up contaminated absorbent material and place in a suitable, covered and labelled container for disposal at an approved site. Rinse affected area thoroughly with water. Full protective clothing must be worn by clean-up crew. Can be slippery when spilt. Care should be taken not to slip on contaminated/wet area.
PERSONAL PRECAUTIONS	Use good personal hygiene practices. Avoid contact with skin and eyes.

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DISPOSAL OF CONTAINERS	Rinse empty container thoroughly with water and place in trash collection. Destruction of containers should be considered.
DISPOSAL METHOD	Refer to Waste Management Authority, or dispose of material through a licensed waste contractor. Do not dispose of product together with domestic waste.
ENVIRONMENTAL PROTECTION	Avoid release to the environment. For large spills of bulk product, prevent spills from entering into drain, sewer system or water course.
EXPLOSION HAZARD	No explosion sensitivity.
DECOMPOSITION PRODUCTS	None known to SunShine Cleaning Co. Pty. Ltd.
FIREFIGHTING PROCEDURES	Normal fire-fighting procedures may be used. Breathing apparatus and full protective clothing should be worn when tackling fires to minimise risk of exposure to hazardous combustion gases and other thermal decomposition products.
EXTINGUISHING MEDIA	Foam. CO ₂ . Dry chemical. Water fog.
REACTIVITY	Reacts vigorously with acids. Reacts with ammonium salts evolving ammonia gas.
HAZCHEM CODE	2R.

OTHER INFORMATION

LD50 (Acute Oral toxicity)	Not determined.
LD50 (Acute Dermal toxicity)	Not determined.
LC50 (Acute Inhalation toxicity)	Not determined.
CARCINOGENICITY	None known.
MUTAGENICITY	None known.
FISH TOXICITY	Not determined.
BIODEGRADABILITY	Not determined
CHEMICAL INGREDIENTS	All ingredients used in this product are registered on the Australian Inventory of Chemical Substances.

CONTACT POINT

TECHNICAL DEPARTMENT	For further information on any details described in this MSDS, please contact: SunShine Cleaning Co. Pty Limited Head Office: (02) 9758 0300 (b/h) Toll Free: 1800 251 738 (b/h)
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