



MATERIAL SAFETY DATA SHEET

PRODUCT: SONIC 2A

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Company Details

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Identification

Name of Product: SONIC 2A
Product Code: M213
UN Number: 1719
Packing Group: II
Hazchem Code: 2R
Poisons Schedule: 5
Product Use: Hard Surface Cleaner

Physical Data

Appearance: Pink Liquid
Boiling Point (°C): 105
Vapour Pressure (Pa or mm of Hg at 25°C): No data
Specific Gravity: 1.05
Flash Point (°C): Not applicable
Flammability Limit (%): LEL - Not applicable
Flammability Limit (%): UEL - Not applicable
Solubility in Water (g/L): Complete

Other Properties

Corrosiveness: Yes
pH (neat): 13.7
pH (1% solution): 11.0
Stability: Incompatible with oxidising agents, strong acids.

Ingredients

Name:	CAS	Proportion
Nonylphenol [9] ethoxylate	9016-45-9	<10%
2-Butoxyethanol	111-76-2	<10%
Ethanol	64-17-5	<10%
Potassium Hydroxide	1310-58-3	1.6%
Sodium metasilicate	10213-79-3	2.2%
Other ingredients determined not to be hazardous		To 100%

Health Hazard Information

Health Effects:

Acute:
Swallowed: Corrosive. Will cause burning of mouth and throat and severe gastric pain. Large doses may cause unconsciousness.
Eye: Corrosive. Contact for short periods may cause damage or chemical conjunctivitis.
Skin: Skin contact causes defatting of the skin and prolonged contact can cause chemical burns.
Inhaled: Inhalation of an aerosol spray will cause irritation of the upper respiratory tract and mucous membranes. If liquid is aspirated into the lungs it may cause serious harm. Inhalation of vapour can cause nausea, headaches and dizziness.
Chronic: No data available on long term effects.

First Aid:

Swallowed: Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek medical advice.
Eye: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Urgently seek medical attention. Transport to Hospital or Medical Centre.
Skin: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs, seek medical attention.
Inhaled: Remove victim from exposure – avoid becoming a casualty. Seek medical advice if effects persist.
Chronic: No long term health effects are known.
Notes to physician: Treat symptomatically.

Other Health Hazard Information

Precautions for Use:

National occupational exposure: No value assigned for this material by the National Occupational Health and Safety Commission (Worksafe Australia). However, as for the ingredients ensure good ventilation to keep below exposure standards and keep containers closed when not in use.

Material	TWA	STEL
Ethanol	1880 mg / m ³	Not Assigned.
Potassium Hydroxide	2 mg / m ³	Not Assigned.
2-Butoxyethanol	121 mg / m ³	Not Assigned.

Personal Protection Equipment:

Personal Protection: Avoid skin and eye contact.

- Wear overalls, safety shoes, chemical goggles and gloves.
- Always wash hands before smoking, eating, drinking or using the toilet.
- Wash contaminated clothing and other protective equipment before storing or re-using.

Respirator Type: If inhalation risk exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Eye Protection: Where splashing is likely the use of chemical goggles or safety glasses with side shield protection is recommended.

Glove Type: Wear impervious gloves.

Safe Handling Information

Storage and Transport:

Storage: Store in accordance with Dangerous Goods regulations for Class 8 (alkaline).

- Store in a cool place and out of direct sunlight.

- Store away from strong oxidising agents or strong acids.
 - Keep containers closed at all times – check regularly for leaks.
- Storage Regulations: This material is a SCHEDULED (S5) POISON and must be stored, handled and maintained according to the appropriate Commonwealth Regulations.
- Transport: Transport in accordance with ADG Code on Class 8 Materials. Refer to State Regulations for transport requirements.
- Transport Information: Australian Dangerous Goods Classification:
- Shipping Name: Caustic Alkali Liquid NOS (Potassium Hydroxide).
 - UN Number: 1719.
 - DG Class: 8.
 - Hazchem Code: 2R.
 - Packing Group: II.

Spills and Disposal:

Spills and Leaks:

- Slippery when spilt.
- Avoid accidents, clean up immediately.
- Wear protective equipment to prevent skin and eye contamination.
- SMALL – 20 LITRES OR LESS
- Soak up using absorbent (soil, sand, vermiculite or other inert material).
- Small spills and residues may be flushed to drain with excess water.
- LARGE – GREATER THAN 20 LITRES
- Contain using sand or soil – prevent run off into drains and waterways.
- Use absorbent (soil, sand, vermiculite or other inert material).
- Collect and seal in clean and labelled containers for disposal.
- Arrange recycling (preferred) or disposal through an approved facility.

Disposal:

- This material must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems.
- Refer to State Land Waste Management Authority.

Fire Fighting measures:

- Flammability: Not flammable.
- Fire/Explosion Hazard: Thermal decomposition may generate toxic and corrosive gases.
- Fire Fighting Precautions: Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
- Extinguishing Media: Water Fog, foam or dry agent (carbon dioxide or dry chemical powder).

Regulatory Information

SUSDP Poisons Schedule: 5 (Alkaline salts).

Safety Directions:

- Strongly alkaline.
- Avoid contact with skin and eyes.

First Aid Instructions:

- For advice, contact a Poisons Information Centre (Australia: Phone 131 126) or a Doctor (at once).
- If swallowed, do NOT induce vomiting.
- If in eyes, hold eyelids apart and flush the eye(s) continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
- If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

NOHSC (Worksafe) Labelling:

- Hazard Symbols: Xi - Irritant.
- Risk Phrases: R36 / 38 - Irritating to eyes and skin.
- 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 the label whenever possible).

Other Information

Acute/Chronic Toxicity No LD50 data is available for this product.
Data for Ingredients is listed below. –
2-Butoxyethanol: Oral (rat) LD50 = 1280 mg / kg;
 Inhalation (rat) LC50 = 450 ppm / 4H;
 Skin (rabbit) LD50 = 220 mg / kg;
 Investigated as a tumorigen, mutagen, reproductive effector.
Sodium metasilicate: Oral (rat) LD50 = 1280 mg / kg.
 Dermal LD50 = not available;
 Skin (human) = 250 mg / 24 hr / severe.
 Inhalation LC50 = not available;
 Not listed as carcinogen by OSHA, NTP or IARC.

Ecological Information: Avoid contaminating waterways or drains.
 No environmental impact data found for this product.
 However, for similar products: 48 hr EC50 (Daphnia magna) = 6.4 mg / L; COD = 2.15 g O2/g.

Contact Point

For information concerning details on this Safety Data Sheet contact (08) 8234 8398

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However, since Data Safety Standards and Government Regulations are subject to change and the conditions of handling and use, or misuse are beyond our control we make no warranty, whether express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaim all liability for reliance thereon.
Users should satisfy themselves that they have all current data relevant to their particular use.