



Material Safety Data Sheet

Hazardous According To The Criteria Of NOHSC

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SmartSteam
Other Name: None
Manufacturer's Product Code:
Recommended Use: Vehicle cleaning detergent & degreaser. Product is used in diluted form.
Supplier Name: AUTOSMART AUSTRALIA
Supplier Address: AUTOSMART AUSTRALIA
 11 DARRAMBAL CLOSE
 RATHMINES
 NSW 2283
www.autosmartaustralia.com.au
www.autosmartinternational.com
autosmart@autosmartaustralia.com.au

Telephone No.: 02 49 75 14 88 (Mon to Fri, 08:00 – 16:00 AEST)
 (General Information. Transport Information. Mild medical Information)
Emergency No.: 0011 44 7808 971 321 (24 Hrs) (Autosmart International)
 131126 (24hrs) Poisons Information Centre Australia

2 HAZARDS IDENTIFICATION

HAZARD DESIGNATION: Hazardous According To The Criteria Of NOHSC

RISK PHRASES: R34 Causes Burns
SAFETY PHRASE: S23 Do not breathe spray. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S51 Use only in well ventilated areas.

ADG CLASSIFICATION: "dangerous goods" for transport by road or rail according to the Australian Code for the Transport of Dangerous Good by Road and Rail.

SUSDP CLASSIFICATION: S5

3 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER:	PROPORTION (%W/W)
2-butoxyethanol	111-76-2	1-5%
Disodium metasilicate	6834-92-0	< 1%
3-Lauramidopropyl trimethyl ammonium methyl sulfate	10595-49-0	< 1%
Sodium hydroxide	1310-73-2	1-5%

Nitritotriacetic acid	139-13-9	1-5%
Other ingredients determined not to be hazardous		To 100%

4 FIRST AID MEASURES

IF POISONING OCCURS, IMMEDIATELY CONTACT A DOCTOR OR POISONS INFORMATION CENTRE (TELEPHONE 13 11 26), AND FOLLOW THE ADVICE GIVEN. SHOW THIS MATERIAL SAFETY DATA SHEET TO A DOCTOR.

Inhalation: Remove person to fresh air. Rinse nose and mouth. Seek medical advice if symptoms persist.

Skin Contact: Remove all contaminated clothing. Wash the skin with plenty of water. Seek medical attention if discomfort continues. Launder clothing before re-use.

Eye contact: Immediately rinse eyes thoroughly, including under eyelids, with running water for at least 15 minutes. Seek immediate medical advice.

Ingestion: Do NOT induce vomiting. Seek immediate medical advice.

First Aid Facilities: Provide an eyewash station in the workplace.

Symptoms: Not available

Medical attention:

5 FIRE FIGHTING MEASURES

Extinguishing media: Foam, dry chemical or water spray. Do not use a water jet from a fire hose.

Hazards from combustion products: No data available.

Precautions for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not release contaminated water into the environment. Keep intact containers cool by water spray.

ADDITIONAL INFORMATION:

HAZCHEM CODE: 2R

6 ACCIDENTAL RELEASE MEASURES

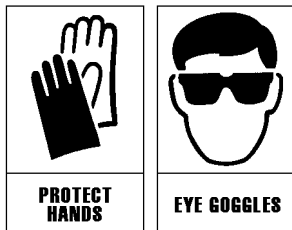
Wear suitable protective clothing and boots. Prevent spill from entering drains, sewers or any body of water. Contain and absorb with sand, earth or inert absorbent. Scoop or shovel into sealable containers for disposal in accordance with applicable local, state and federal regulations.

Spillage's May Be Slippery.

7 HANDLING AND STORAGE

Handling: Keep out of reach of children. Avoid contact with skin and eyes and do not inhale spray mist. Use only in a well-ventilated area. Do not apply in the presence of naked flames, hot surfaces or unprotected electrical equipment. Use proper grounding procedures.

Storage: Store product in the closed, original container in a cool, well-ventilated area away from direct sunlight.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Standards:**

Sodium Hydroxide STEL 2mg/m³.
2-BUTOXYETHANOL LTEL 25 ppm(Sk) STEL 50 ppm(Sk)

Engineering Controls:

Ensure adequate ventilation. Keep container closed when not in use.

Personal Protective Equipment:**EYES:**

Avoid contact with eyes. Wear safety goggles.

CLOTHING:

Wear suitable protective clothing.

Protective clothing must be stored separately from private clothing.

GLOVES:

Avoid contact with skin. Wear PVC gloves.

RESPIRATORY:

Wear an approved respirator to prevent inhalation, if other control measures are inadequate.

OTHER:

Do not eat, drink or smoke until after washing. Wash thoroughly after handling. After each day's use wash gloves, goggles and contaminated clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odour:	Faint
Vapour Pressure:	not relevant.
Vapour Density:	Not available
Boiling Point:	Not available
Freezing/melting point:	Not available
Solubility:	Soluble in Water.
Density:	1.050 @ 20 °C
pH Neat:	Approx. 13 (neat)
Flashpoint:	Not relevant
Flammability (explosive) limits:	
Auto-ignition temperature:	
Percent volatiles:	
Octanol/water partition coefficient:	Not available
Formulation:	Water based alkaline detergent cleaner.

10 STABILITY AND REACTIVITY

Chemical stability:	Not available
Hazardous polymerisation:	Will not occur
Conditions to avoid:	Not available
Incompatible materials:	Incompatible with strong oxidising agents
Hazardous decomposition products:	Carbon Monoxide
Hazardous reactions:	Not available

11 TOXICOLOGICAL INFORMATION**Inhalation:**

Do not breathe spray. Inhalation of spray may produce respiratory irritation and can result in headaches, dizziness, drowsiness, and possibly nausea.

Skin contact:

Corrosive to the skin. The material should not be allowed to come into contact with the skin.

Eye contact:

Corrosive to the eyes. The material should not be allowed to contact the eyes.

Ingestion:

Prolonged inhalation of alkaline mists may cause respiratory irritation resulting in sore throats or burns.

Other: None ANIMAL TOXICITY DATA – PRODUCT: No data available for the product.

ANIMAL TOXICITY DATA – INDIVIDUAL INGREDIENTS:

Acute: Oral toxicity: LD50 rat: Not available

Dermal toxicity: LD50 rabbit: not available

Inhalation toxicity: Corrosive

Skin irritation: Corrosive

Eye irritation: Corrosive

Sensitisation: Product causes burns

Chronic: Long term effects from prolonged exposure can cause dermatitis.

12 ECOLOGICAL INFORMATION

Fish toxicity: Sodium Hydroxide LC50 96hr 10-100mg/l

Daphnia toxicity: Data not available

Toxicity to algae: Data not available

Bird toxicity: Data not available

Bee toxicity: Data not available

Other: NO data available

Environmental fate, persistence and degradation: Degrades rapidly in soil and water.

13 DISPOSAL CONSIDERATIONS

Do not discharge into drains. Do not incinerate. Dispose of waste material via a licensed waste disposal contractor.

14 TRANSPORT INFORMATION

UN number: UN 1824

Proper shipping name: SODIUM HYDROXIDE SOLUTION

Class and Subsidiary Risk: Class 8 – Corrosive liquid. “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Packing Group: II

EPG: Not applicable

Hazchem code: 2R

15 REGULATORY INFORMATION

Allocated Poison schedule number 5.

16 OTHER INFORMATION**Preparation information:**

Only trained personnel should use this material.

MSDS Issue

Issue	No.3
Prepared:	01/09/2013
Next review date:	01/09/2018
Reason for Update	Review & update

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Data Sources and References:

National Code of Practice for the preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011 (2003)].

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) No 23

National code of practice for the storage and handling of Workplace Dangerous Goods [NOHS:2017 (2001)]

National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHS:21003 (1995)]

Disclaimer:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

END OF MSDS