

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- **Product (material) name:** Spear
- **Other names:** N/A
- **Recommended use:** Hard surface 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:**
This product is classified as hazardous according to the criteria of the GHS.
- **Pictograms** _____



- **Signal word:** Danger
- **Hazard statement(s):**
H314: Causes severe skin burns and eye damage
H400: Toxic to the aquatic environment
- **Precautionary statement(s):**
PREVENTION: Wash skin thoroughly after handling.
Wear protective gloves/ eye protection/ face protection.
RESPONSE: IF ON SKIN: Wash with plenty of water.
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 or doctor/ physician.
If skin irritation occurs: Get medical advice/ attention.
Take off contaminated clothing and wash it before reuse

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE:

Chemical name	CAS No.	% product
Sodium hypochlorite	10022-70-5	5
Sodium hydroxide	1310-73-2	0.95
Other non hazardous ingredients	various	5-10
Water	7732-18-5	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

Inhalation	Remove victim from exposure- avoid becoming a casualty. Remove contaminated clothing and loosen remaining
Skin contact	Remove contaminated clothing. Flush affected area with plenty of water. If swelling, redness, blistering or irritation develops, seek immediate medical assistance. Wash clothing before reuse. For skin burns, immediately flood burnt area with plenty of water and cover with a clean dry dressing.
Eye contact	Immediately flush eyes with copious amounts of water holding eyelids open. Seek immediate medical attention. Immediate action is critical to minimize possibility of blindness.
Ingestion	Immediately rinse mouth with water and give plenty of water to drink provided person is conscious. Do NOT induce vomiting. Seek immediate medical attention
Advice for doctor	Treat symptomatically based on judgement of doctor and individual reactions of patient. If exposure has been severe and/or symptoms marked, observation in hospital for 48hours should be considered due to possibility of delayed pulmonary oedema.

SECTION 5: FIRE FIGHTING MEASURES
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Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Not Combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Does not burn.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Not applicable - does not burn.

Flammability Class: Does not burn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General Response Procedure Clear area of all unprotected personnel. Work upwind or increase ventilation. Wear proper protective equipment to prevent skin and eye contact and inhalation of vapours. Use water spray to knock down vapours.

Clean Up Procedures Contain with absorbent material such as sand, earth or other inert material. Prevent from entering drains, sewers, streams or other bodies of water. Carefully neutralise using dilute hydrochloric acid. Use water spray to knock down vapours. Collect and seal in properly labelled containers for disposal.

Containment Stop leak if safe to do so.

Environmental Precautionary Personnel involved in the clean up should wear full

protective clothing as listed in section 8.

Measures

Environmental Precautionary: Do not allow product to reach drains, sewers or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Authority.

SECTION 7: HANDLING AND STORAGE

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

□ **National exposure standards:**

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

The following exposure limits have been identified for this product:

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

Exposure Limits: No Data Available

Biological Limits: No information available on biological limits for this product.

Engineering Measures: Ensure ventilation is adequate and that air concentration of ammonia is controlled below exposure standard. This can be achieved via process enclosures, local exhaust ventilation or while wearing respirator or air-supplied mask. Keep containers closed when not in use. A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protection Equipment: **Ventilation:** This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect

your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Description & colour:	Clear, viscous liquid.
Odour:	Lemon/chlorine odour.
Boiling Point:	Approximately 100°C at 100kPa.
Freezing/Melting Point:	Below 0°C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	No data.
Specific Gravity:	No data.
Water Solubility:	Completely soluble in water.
pH:	13 approx
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water	No data
Distribution:	
Autoignition temp:	Not applicable - does not burn.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
Conditions to Avoid:	This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed.
Incompatibilities:	Acids, zinc, tin, aluminium and their alloys.
Fire Decomposition:	Only small quantities of decomposition products are expected from this products at temperatures normally achieved in a fire. This will only occur after heating to dryness. Carbon dioxide, and if combustion is incomplete, carbon monoxide. Hydrogen chloride gas, other compounds of chlorine. Water, sodium compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of

judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

SECTION 11: TOXICOLOGICAL INFORMATION

Health effects from the likely routes of exposure

SECTION 12: ECOLOGICAL INFORMATION

This product is harmful to aquatic organisms. Unlikely to present a long term threat to the environment as this type of material will be readily diluted and neutralised in waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable, consider landfill.

SECTION 14: TRANSPORT INFORMATION

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

SECTION 15 REGULATORY INFORMATION

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

The following ingredients: Sodium hypochlorite, Sodium hydroxide, are mentioned in schedule 5 of the SUSMP.

SECTION 16 OTHER INFORMATION

Date of preparation or last revision of the SDS 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
GHS	Globally Harmonised System of Classification and Labelling (GHS)
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)
STEL	Short term exposure limit
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
TWA	Time weighted average
UN Number	United Nations Number

Disclaimer:

A) This SDS 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 SDS 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 SDS, 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.