

1. Identification of the substance/preparation and company/undertaking

Product name: Global Grease Cutter NP
Company name: Global Spill Control Pty Ltd.
Address: 16 Halsey Road, Airport West
 Victoria 3042 Australia
Tel/Fax number: Tel: 03 9335 5366 Fax: 03 9335 4399
Recommended use: Heavy duty alkaline water based, non-phosphate quick break degreaser, for degreasing floors, motors and other greasy surfaces.
Other information: The information on this Data Sheet represents our current data and best opinion as to the proper handling of this product under normal circumstances. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.
Infosafe number: LPUQK

2. Hazards identification

Hazard classification: HAZARDOUS SUBSTANCE.
 DANGEROUS GOODS.
 Hazard classification according to the criteria of NOHSC.
 Dangerous goods classification according to the Australian Dangerous Goods Code.

Risk phrase(s): R34 - causes burns

Safety phrase(s): S24/25 -avoid contact with skin and eyes.
 S27 - take off immediately all contaminated clothing.
 S28 - after contact with skin, wash immediately with plenty of water
 S36/37/39 - wear suitable protective clothing, gloves and eye/face protection.
 S64 - if swallowed, rinse mouth with water (only if person is conscious).

3. Composition/information on ingredients

Ingredients:	Name	CAS	Proportion
	Ingredients determined not to be hazardous		30% - 60%
	Sodium metasilicate	6834-92-0	10% - 19.9%
	Sodium nitrate	7631-99-4	0% - 10%
	Surfactants		0% - 10%
	Citrus salt		0% - 10%
	Sodium hydroxide	1310-73-2	0% - 4.99%

4. First aid measures

Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

Ingestion: DO NOT induce vomiting. Wash out mouth immediately with water and then give water to drink. Seek medical attention.

Skin: Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eyes:	If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
First aid facilities:	Eye wash, safety shower and normal washroom facilities.
Advice to doctor:	Treat symptomatically.

5. Fire fighting measures

Suitable extinguishing media:	Use suitable extinguishing media for surrounding environment
Hazards from combustion products:	Under fire conditions this product may emit toxic and/or irritating fumes.
Special protective equipment for fire fighters:	Fire fighters should wear full protective clothing and self-contained breathing apparatus
Hazchem Code:	2R

6. Accidental release measures

Emergency procedures:	Slippery when spilt - avoid accidents. Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to avoid skin and eye exposure. If possible contain large spills, absorb with inert absorbent such as vermiculite and place in suitably labelled containers. Mop up material and place into the same container. Hose down residues or minor spills with excess water. Avoid allowing material to enter sewers or waterways. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
------------------------------	--

7. Handling and storage

Precautions for safe handling:	Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Repeated or prolonged skin exposure without protection should be avoided to ensure no possibility of skin disorders, burns etc. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for safe storage:	Store in a cool, dry, well-ventilated area, out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers and protect against physical storage.
Corrosiveness:	Corrosive liquid.

8. Exposure controls/personal protection
National exposure standards:

Name	STEL – mg/m ³ ppm	TWA – mg/m ³ ppm	Footnote
Sodium hydroxide		2	Peak limitation

Biological limit values: No biological limit allocated

Other exposure information: No exposure standards have been established for this material by the National Occupational Health and Safety Commission (NOHSC). However, exposure standards for ingredients are stated above:
 TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
 STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Engineering controls: Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

Respiratory protection: If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye protection: Safety glasses with side shields, chemical goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand protection: Wear gloves of impervious material such as PVC or rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body protection: Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When this product is handled, the use of plastic aprons and rubber boots is recommended.

9. Physical and chemical properties

Appearance:	Blue, viscous liquid
Odour:	Not available
Melting point:	< 0°C
Boiling point:	100°C
Solubility in water:	Not available
Solubility in organic solvents:	Not available
Specific gravity:	1.1 @ 20°C
pH value:	9.5 – 10.5 (1% solution)
Vapour pressure:	18mmHg @ 20°C
Vapour density (Air = 1):	Not available
Flash point:	Not applicable
Flammability:	Non-flammable
Auto-ignition temperature:	Not applicable
Flammable limits lower:	Not applicable
Flammable limits upper:	Not applicable

10. Stability and reactivity

Chemical stability:	Stable under normal conditions
Conditions to avoid:	Contact with incompatibles
Incompatible materials:	Strong acids
Hazardous decomposition products:	Under fire this product may emit toxic and/or irritating fumes
Hazardous reactions:	May react with strong acids

11. Toxicological information

Toxicology information:	No toxicity data is available for this specific product
Inhalation:	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system
Ingestion:	Ingestion of this product may cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach
Skin:	Skin contact may cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.
Eyes:	Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage
Chronic effects:	None known

12. Ecological information

Ecotoxicity:	This product is alkaline and may be hazardous to the environment. Attempt to neutralise the product before it enters drains
Persistence/degradability:	Not available
Mobility:	Not available
Environmental protection:	Do not allow product to enter drains, waterways or sewers

13. Disposal considerations

Disposal considerations:	Dispose of waste according to Federal, EPA and State regulations
---------------------------------	--

14. Transport information

Transport information:	This material is classified as a Class 8 (Corrosive) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous goods of Class 8 (Corrosive) are incompatible in a placard load with any of the following: <ul style="list-style-type: none">- Class 1, Explosive- Class 4.3, Dangerous When Wet Substance- Class 5.1, Oxidising Agent- Class 5.2, Organic Peroxide- Class 6, Toxic and Infectious Substances, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids- Class 7, Radioactive Substance and are incompatible with food and food packaging in any quantity.
UN number:	1719
Proper shipping name:	CAUSTIC ALKALI LIQUID N.O.S. (Contains alkali salts)
DG Class:	8
Hazchem code:	2R
Packaging method:	3.8.8RT8
Packing number:	II
EPG number:	8A1
IERG number:	37

15. Regulatory information

Poisons schedule:	Not scheduled
Hazard category:	Corrosive

16. Other information

Date of preparation of SDS:	March 2015
------------------------------------	------------