

# Material Safety Data Sheet

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## 1. Product and Company Identification

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**Product Name:** General Purpose Cleaner  
**Trade Name:** General Purpose Cleaner  
**Revision Date:** 21/09/2011  
**Company Name:** On-Crete Australia Pty Ltd  
**Address:** 4/66 Casua Dr, Varsity Lakes  
QLD 4227  
Australia  
Ph: (07) 5593 6884 Fax: (07) 5593 6885

**In the event of emergency human exposure:** Poisons Information Centre  
Ph: 131136

**Hazardous according to the criteria of Safe Work Australia  
Not classified as hazardous for transport (ADG7)**

**Hazardous according to the criteria of HSNO and ERMA**

Cleaning Products (Subsidiary Hazard) Group Standard 2006  
HSNO Approval Number is HSR002530

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## 2. Composition/Information on Ingredients

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Hazardous according to the criteria of HSNO and ERMA

Chemical Name	CAS #	Proportion	EU Classification
Di Sodium Trioxosilicate	[6834-92-0]	<10%	Xi; R36/38

Ingredients determined not to be hazardous to 100%

Notes on EU Symbols: Xi Irritant

**HSNO Classification of Mixture** 6.3A, 6.4A

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## 3. Hazards Identification

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Irritating to eyes and skin

**HSNO Classification of Mixture** 6.3A, 6.4A

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## 4. First Aid Measures

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**Eyes:**

Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention as soon as possible.

**Ingestion:**

DO NOT induce vomiting. If vomiting occurs spontaneously, keep airway clear. Seek medical attention IMMEDIATELY. NEVER induce vomiting or give anything by mouth to an unconscious patient.

**Inhalation:**

Remove victim to fresh air. Persons administering first aid to overexposure victims should carefully wash off any visible product from the victims face. Do not give anything by mouth to an unconscious person. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult administer oxygen. Get medical attention IMMEDIATELY.

**Skin:**

Wash with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing and contaminated footwear before reuse. Seek medical attention if irritation persists.

**Note to doctor:**

Treat symptomatically.

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**5. Fire-Fighting Measures**

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**Flash Point:** Not Applicable

**Extinguisher Media:** Not Applicable

**Unusual Fire and Explosion Hazards:** Incompatible with strong oxidising materials

**Special Protective Equipment:** Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus.

**Combustion Products:** Not Applicable

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**6. Accidental Release Measures**

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**Steps to be taken if material is released or spilled:**

Wear appropriate protective clothing. Eliminate all ignition sources. Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Collect free liquid into a recovery vessel. Absorb remainder with sand or clay and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

**Container Disposal:**

DO NOT reuse container. Dispose of safely.

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**7. Handling and Storage**

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**Handling:**

Avoid all contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practises. If risk of eye contact exists then safety goggles with side shield or a face visor must be worn. Protective clothing including impervious chemical nitrile gloves must be worn. Care must be taken while removing gloves and other skin protective equipment to avoid ALL skin contact. Wash hands thoroughly after contact.

**Storage:**

Store in a cool, dry place out of reach of children. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from oxidising agents, and incompatible materials.

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**8. Exposure Controls/Personal Protection**

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**Exposure Controls:** No exposure standards have been established for this material by NOHSC. However we recommend the following exposure standard be adopted. STEL = 2.0 mg/m<sup>3</sup>.

TWA (Time weighted average): The average airborne concentration of a particular substance when calculated over an 8 hour working day, 5 day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period that should not be exceeded at any time during an 8 hour day.

**Ventilation Requirements:**

Provide sufficient ventilation to keep airborne levels below the exposure limits.

**Eye Protection:**

Eye contact must be avoided. Safety goggles with side shield or a face visor must be worn if there is risk of eye contact.

**Skin Protection:**

Skin contact must be avoided and good personal hygiene practises observed. Protective clothing including impervious chemical nitrile gloves must be worn. Care must be taken while removing gloves and other skin protective equipment to avoid ALL skin contact.

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**9. Physical and Chemical Properties**

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<b>Appearance:</b>	Semi-transparent, viscous liquid
<b>Odour:</b>	Odourless
<b>PH Range:</b>	~ 12
<b>Specific Gravity:</b>	1.02 @ 20 degrees Celsius
<b>Solubility in Water:</b>	Complete
<b>Flash Point:</b>	Not Applicable

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**10. Stability and Reactivity**

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**Chemical stability:**

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Vigorous reaction may occur with acids yielding heat and pressure. Reacts with oxidising agents.

**Conditions to avoid:**

Avoid oxidising agents, acids, aluminium, light metals, their alloys, tin zinc, glass surfaces in storage and in use.

**Incompatible materials:**

Avoid oxidising agents, acids, aluminium, light metals, their alloys, tin zinc, glass surfaces in storage and in use.

**Hazardous Decomposition Products:**

Hydrogen. Sodium Oxide Fumes

**Hazardous reactions:**

No data available

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**11. Toxicological Data**

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No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:**

Swallowing can result in a severe burning pain of the mouth, throat and stomach.

**Eye contact:**

A severe eye irritant. Contamination of eyes can result in permanent injury

**Skin contact:** Contact with skin may result in irritation.

**Inhalation:**

Irritating to the respiratory system

**RTECS:**

CAS# 16834-92-0 Sodium Metasilicate Anhydrous

Oral: LD50 (rat) 1280 mg/kg

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**12. Ecological Information**

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**Eco toxicity:**

Sodium Silicate Solution Molar Ratio >3.2 concentration 35% Fish LC50 Brachydanio rerio 96 hr: 3185 mg/l Daphnia magna EC50 48hr: 4857 mg/L Bacteria EC0 Ps. Putida 48hr: >1000mg/L. The pH rise is responsible for the environmental effect on aquatic life. If not neutralised this product can be toxic for aquatic organisms because of its alkalinity. pH >9 has a corrosive effect on fish. pH >8.5 will result in the destruction of algae.

**Mobility:**

No information available

**Bio accumulative potential:**

No information available

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**13. Disposal Considerations**

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Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations. Incineration may be carried out under controlled conditions provided that local regulations for emissions are met. Dispose of product and container responsibly and carefully. Do not dispose of near waterways, down drains or into soil.

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**14. Transport Information**

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Not classified as hazardous for transport (ADG7, UN, IATA/ICAO)

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## 15. Regulatory Information

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**Australian Classifications:**

UN Number:	NA
HAZCHEM Code:	NA
Dangerous Goods Class	NA
Packaging Group:	NA
EC Labelling:	S24, S25, S2, S26, S36, S37 Avoid contact with eyes and skin. Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water. Wear gloves and suitable protective clothing
Poison Schedule:	5 POISON

**Recommended GHS Labelling:**

The label must provide the following general information about the substance:

- (a) the product name; and
- (b) enough information to enable the Australian importer, supplier or manufacturer to be contacted, either in person or by telephone; and
- (c) a 24 hour emergency telephone number
- (d) directions for use, including, where relevant, dilution rates and dose rates.
- (e) the general precautionary statements-

**Read label before use****Keep out of reach of children****Avoid contact with eyes and skin****Wash hands and skin thoroughly after handling with soap and water****Do not eat, drink or smoke when using this product.**

- (f) the following response statements-

**If medical advice is needed, have product container or label at hand.****IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth****IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.****IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.**

- (g) The label must provide the following hazard information about the substance:

the signal word '**warning**';

the GHS pictogram warning explanation mark



the hazard statement 'Harmful if swallowed.'

the hazard statement 'Harmful in contact with eyes and skin.'

(h) Disposal Statement-- 'Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.'

(i) The following composition information—

Chemical Name	CAS #	Proportion	EU Classification
Di Sodium Trioxosilicate	[6834-92-0]	<10%	Xi; R36/38
Ingredients determined not to be hazardous		to 100%	

#### Other Statutory Requirements:

#### Material Safety Data Sheet Regulations for This Substance

(1) A person, when selling or supplying this substance at any quantity shall provide a safety data sheet for this substance supplied to the recipient if—

- (a) the substance is likely to be used in a place of work; and
- (b) they have not previously supplied a safety data sheet for this substance to the recipient.

(2) In each place of work where this substance is manufactured, stored or used, the person in charge of the place must ensure that every person handling the substance has access to a safety data sheet for that substance.

(3) The safety data sheet must be available to a person handling this substance within 10 minutes, and be readily understandable by any fully trained worker required to have access to it.

(4) A person who manufactures or supplies this substance in Australia or imports this substance into Australia must, if asked to do so by any person in charge of a place of work where this substance is stored or used, give that person the required safety data sheet.

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## 16. Other Information

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#### References:

Supplier MSDS

<http://hsis.ascc.gov.au/>

RTECS

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified. However no warranty or representation, expressed or implied is made as to the accuracy or completeness of the data and the information in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Oncrete shall not be responsible for any damage of injury resulting from abnormal use of this material, from any

failure to adhere to recommendations or from any hazards inherent in the nature of the material.