

Section 1 - Identification of The Material and Supplier

Aqua Seal STS
Unit 9, 21-25 Monro Ave
Kirrawee NSW 2232 Australia

Phone: +61 2 9521-4000
Fax: +61 2 9521-5222
<http://www.aqua-seal.com.au>

Trade Name: Eff-Ective
Product Use: Efflorescence Cleaner and Inhibitor
Creation Date: August, 2011
This version issued: February, 2017 and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 11 26 for Australia or 0800 764-766 for New Zealand

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Non Hazardous Substance according to the criteria of SWA.
Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

UN Number: None allocated

GHS Signal word: NONE. Not hazardous.

PREVENTION

P102: Keep out of reach of children.
P262: Do not get in eyes, on skin, or on clothing.

RESPONSE

P353: Rinse skin or shower with water.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P337+P313: If eye irritation persists: Get medical advice.
P370+P378: Suitable extinguishing media are carbon dioxide, dry chemical, foam, water fog.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview

Physical Description & Colour: Colourless to light yellowish liquid.

Odour: Slight odour.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc,%
Potassium Hydroxide	1310-58-3	<5%
Non hazardous Components		>90%

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures

General Information:

SAFETY DATA SHEET

Issued by: Aqua-Seal STS

Phone: +61 2 9521-4000 (office hours)

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Ingestion:	Rinse mouth with water. Give plenty of water to drink. Seek medical assistance.
Eye contact:	If in eyes, wash out immediately with water. In all cases of eye contamination, it is sensible precaution to seek medical advice.
Skin contact:	No need for first aid is anticipated
Inhalation:	No need for first aid is anticipated
Notes to physician:	Treat symptomatically

Section 5 - Fire Fighting Measures

Specific Hazards:	Non-combustible liquid.
Fire fighting further advice:	Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
Suitable extinguishing media:	Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Section 6 - Accidental Release Measures

Wear protective equipment to prevent eye contamination. Contain - prevent runoff into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal. Wash down area with excess water.

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: Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Keep containers of this product in a well ventilated area. 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 and Personal Protection

National occupational exposure limits: No value assigned for this specific material by the National Occupational Health and Safety Commission

Engineering measures: None required for this product

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Clear to yellow liquid.
Odour:	Characteristic Low Odour
Boiling Point:	≥100°C
Freezing/Melting Point:	≤ 0°C
Vapour Pressure (20°C)mm:	Low
Vapour Density:	Not determined
Specific Gravity:	1.0 at 20°C
Water Solubility:	Soluble in water
pH:	7-8
Flash Point (°C) closed cup:	Not flammable
Decomposition Point (°C):	≥100°C
Flammability Limits (%):	Not flammable
Autoignition temp:	Not determined

Section 10 - Stability and Reactivity

Chemical Stability:	Stable to over 60°C
----------------------------	---------------------

SAFETY DATA SHEET

Incompatible Materials: None known. Do not mix with other chemicals
Hazardous Decomposition Products: In fires CO₂, CO, and partially burned hydrocarbons.

Section 11 - Toxicological Information

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

Ingestion: Swallowing can result in abdominal pain.

Eye contact: Mild eye irritation.

Skin contact: No adverse effects expected from skin contact

Inhalation: Not an inhalation hazard.

Long term effects: No information available for product.

Acute toxicity / Chronic toxicity: No LD50 data available for product. The components in the proportions present are not considered to represent a hazard under conditions of good occupational work practice.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 - Ecological Information

Avoid contaminating waterways.

Section 13 - Disposal Considerations

Disposal: 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 reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. 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.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
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)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

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. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

SAFETY DATA SHEET

Issued by: Aqua-Seal STS

Phone: +61 2 9521-4000 (office hours)

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)

SAFETY DATA SHEET