

Material Safety Data Sheet

S-Protect WS405

Ref. ST3100
Rev. no. 1
Prepared Date. 09.12.2021
Review Date. 16.12.2026

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: S-Protect WS 405

Recommended use: Industrial Use

Company details: Stoanz Ltd

Address: 72 Abel Smith Street, Wellington, New Zealand

Telephone number: +64 4 801 7794

Emergency telephone no: Nation Poisons Centre, 0800 POISON, 0800 764 766

2. HAZARDS IDENTIFICATION

Classification as per Directive 67/548/EC or Directive 1999/45/EC: Xi, Irritant
R38: Irritating to skin

Other Hazards:

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on hazardous components as per EU-GHS Ordinance (EC) No. 1272/2008: Silicon compound(Ref.:72243-044810, Germany) >=20%
CAS-No: Xi R38

Other Information: Chemical Nature: Aqueous Preparation
See in chapter 16. See chapter 16 for text of risk phrases

4. FIRST AID MEASURES

Inhalation: Follow inhalation of aerosols or mist: Possible discomfort: irritation of mucous lining (nose, throat, eyes) Cough, sneezing, flow if tears.
Move victims into fresh air.
If symptoms persist, consult a physician for treatment

Skin Contact: Wash off immediately with plenty of water.
If symptoms persist contact a physician for treatment.

Eye Contact: Keep eyelid open, immediately rinse thoroughly for at least 5 minutes using plenty of water or, if necessary, eye rinsing solution
Consult an ophthalmologist

Ingestion: Have the mouth rinsed with water.
Have patient drink plenty of water in small sips
Consult a physician immediately.

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Indication of any immediate medical attention and special treatment needed If required, therapy of irritative effect. After absorbing large amounts of substance.
If substance has been swallowed
Early endoscopy in order to assess mucosa lesions in the oesophagus and stomach which may appear
substance.
Allergic reactions cannot be excluded.
Treatment of allergic reaction if necessary.

5. FIRE FIGHTING MEASURES**Suitable extinguishing media:** Water spray, foam, CO2, dry powder**Special Protective equipment for fire-fighters** In case of fire: wear a self-contained respiratory apparatus**Advice for firefighters** Water used to extinguish fire should not enter drainage systems, soil or stretches of water. Ensure
There are sufficient retaining facilities for water used to extinguish fire.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with
Local regulations.**6. ACCIDENTAL RELEASE MEASURES****Procedures to be covered:** Personal Precautions
Use personal protective equipment.
Environmental Precautions
Do not allow substance to enter soil, bodies of water or sewer canals, ground water or drainage
systems
Methods for Cleaning Up
Soak up with inert absorbent material (E.G sand, silica gel, acid binder, universal binder, sawdust)
Transfer into suitable containers.
To be disposed of in compliance with Existing regulations. Suitable binder: sand(for damming up)**7. HANDLING AND STORAGE****Handling Practices:** Precautions for safe handling
Handle open container with care.
Advice on protection against fire and explosion
Normal measures for preventive fire protection.**Storage:** Requirements for storage
Keep containers tightly closed in a cool, well ventilated area.
Protect from frost
Always avoid temperatures of >40 C
Do not store with: strong acids, bases
Further information
Keep tightly sealed in original packaging.
Protect from frost

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

No data available.

Engineering measures

Provide for adequate ventilation.

Personal protective equipment (PPE):

Respiratory protection

In case of dust/vapours/aerosols being formed or if the limit values like TLV are exceeded:
Use respiratory equipment with suitable filter or wear a self-contained respiratory apparatus.

Hand Protection

Glove material: For example, butyl-rubber

Material thickness: 0,5 mm

Breakthrough time: >=480 min

Selection of protective gloves to meet the requirements of specific workplaces.

Suitability for specific workplaces should be clarified with protective glove manufacturers

The information is based on our own tests, references from the literature and information from the glove manufactures, or derived by analogy with similar materials.

Remember that the useful time per day of a chemical protection glove may be shorter than the permeation time determined according to EN 374 due to the many different influential factors involved.

(e.g. temperature)

Eye Protection

Safety glasses

Skin and Body Protection

No particular measures required.

General hygiene:

Smoking, eating and drinking should be prohibited in the application area.

Wash face and/or hands before break and end of work.

Remove contaminated or saturated clothing.

Wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Liquid

Colour:

White

Odour:

Alcoholic

pH

6.0 – 8.0 (20°C)

Melting Point/Range:

N/A

Boiling Point & Boiling Range:

N/A

Flash point:

>65°C

Ignition temperature

Not determined

Thermal decomposition:

>100°C

Vapour Pressure:

23 hPa water (20°C)

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Water Solubility: Miscible with water

Viscosity, dynamic 15 mPa.s (20°C)

10. STABILITY AND REACTIVITY

Incompatible materials Strong acids, Strong bases

Hazardous decomposition products Ethanol in case of hydrolysis

11. TOXICOLOGICAL INFORMATION

Data and interpretation:

- Acute Oral Toxicity
- LD 50 Rat: > 5110 mg/kg
- Skin Irritation
- Rabbit
- Irritating
- Method: OECD Test Guideline 404
- Eye Irritation
- Rabbit
- Not irritating
- Method: OECD Test Guideline 405
- Genotoxicity in vitro
- No evidence of mutagenic effects

12. ECOLOGICAL INFORMATION

Eco-toxicological effects: No ecotoxicological data is available for this product

13. DISPOSAL CONSIDERATIONS

Product: With respect to local regulations, e.g. dispose of to suitable waste incineration plant.

Waste Key Number No waste key number as per the European waster types list, can be assigned to this product, since such classification is based on the (as yet undetermined) use to which the product is put by the consumer.
 Waste key number must be determined as per the European Wastes Types List (decision on EU Waste Types List 2000.532/EC) in cooperation with the disposal firm / producing firm / official authority.

Uncleaned Packaging Do not reuse empty containers and dispose of in accordance with the regulations issued by the appropriate local authorities

14. TRANSPORT INFORMATION

Loading instructions/Remarks

- ADNR**
- not hazardous freight in inland waterway traffic
- ADR**
- not classified as dangerous for conveyance in the meaning of the carriage
- RID**

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Not Classified as dangerous for conveyance in the meaning of the carriage of dangerous goods by Road and Rail

IATA_C

Not hazardous freight in air traffic

IATA_P

Not hazardous freight in air traffic

IMDG

Not classified as hazardous sea cargo

IMDG

FOR USA ONLY: in packaging exceeding 450L, this product must be classified, placarded, marked and shipped as combustible Liquid to the USA

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol(s)	Xi Irritant
R-Phrase(s)	R38 Irritating to skin
S-Phrase(s)	S24 Avoid contact with Skin S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37 Wear suitable gloves
Supplemental hazard / labelling elements(EU):	Contains mixture of 5-chloro-2-methyl-4-isothiazolin-3-one [ECno.247-500-7] and 2methyl-2Hisothiazol-3-one [EC no.220-239-6] (3:1). May include allergic reactions

16. OTHER INFORMATION**Miscellaneous information:**

The information provided in this Safety Datasheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guideline for safe handling use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Risk phrase (R Phrase) texts	Silicon compound(Ref.:72243-044810,Germany) R38 Irritating to skin.
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