



# SUMITOMO CHEMICAL (U.K.) PLC

## SAFETY DATA SHEET Pesguard S102

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** Pesguard S102  
**Synonyms; trade names** Sumithrin 10SEC

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Insecticide Concentrate

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Sumitomo Chemical (UK) Plc  
Hythe House  
200 Shepherds Bush Road  
Hammersmith  
London  
W6 7NL  
regulatory@scuk.sumitomo-chem.co.uk  
+44 (0) 203 538 3099

#### 1.4. Emergency telephone number

**Emergency telephone** +44 1235 239670 (EU)

### SECTION 2: Hazards identification

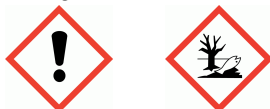
#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Eye Irrit. 2 - H319  
**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

#### 2.2. Label elements

##### Pictogram



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.  
H410 Very toxic to aquatic life with long lasting effects.  
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

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**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Supplementary precautionary statements** P391 Collect spillage.

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Sumithrin TG (1R-trans phenothrin)</b>	<b>10-30%</b>
CAS number: 26046-85-5	EC number: 247-431-2
M factor (Acute) = 100	M factor (Chronic) = 100
<b>Classification</b>	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

<b>1,2-BENZISOTHAZOL-3(2H)-ONE</b>	<b>&lt;1%</b>
CAS number: 2634-33-5	EC number: 220-120-9
M factor (Acute) = 1	
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation** Remove affected person from source of contamination.

**Ingestion** Consult a physician for specific advice. Rinse mouth thoroughly with water.

**Skin contact** Wash skin thoroughly with soap and water.

**Eye contact** Continue to rinse for at least 15 minutes.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact** Skin irritation.

**Eye contact** Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

### 4.3. Indication of any immediate medical attention and special treatment needed

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**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** No specific recommendations. Read and follow manufacturer's recommendations.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep away from direct sunlight. Store in a cool and well-ventilated place.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

**Protective equipment**



**Appropriate engineering controls**

Provide adequate ventilation.

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<b>Eye/face protection</b>	The following protection should be worn: Chemical splash goggles.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
<b>Other skin and body protection</b>	Wear apron or protective clothing in case of contact.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless to pale yellow.
<b>Odour threshold</b>	Scientifically unjustified.
<b>pH</b>	pH (concentrated solution): 4.0 - 7.0
<b>Flash point</b>	> 70°C
<b>Vapour pressure</b>	Scientifically unjustified.
<b>Relative density</b>	1.03 @ 25°C
<b>Solubility(ies)</b>	Miscible with water.
<b>Auto-ignition temperature</b>	362°C
<b>Viscosity</b>	70 cP @ 25°C
<b>Explosive properties</b>	Scientifically unjustified. Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Other information</b>	Not available.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not applicable.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid contact with strong oxidising agents. Avoid heat.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.
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### SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Oral, Rat Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Dermal, Rat Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Animal data** Not irritating. Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Moderately irritating.

#### Skin sensitisation

**Skin sensitisation** Not sensitising. Based on available data the classification criteria are not met.

### SECTION 12: Ecological Information

**Ecotoxicity** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### Sumithrin TG (1R-trans phenothrin)

**Ecotoxicity** Dangerous for the environment. May cause long-term adverse effects in the aquatic environment.

### 12.1. Toxicity

**Acute toxicity - fish** Not determined.

#### Sumithrin TG (1R-trans phenothrin)

#### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.001 < L(E)C<sub>50</sub> ≤ 0.01

**M factor (Acute)** 100

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 2.7 x 10<sup>-3</sup> mg/l, Algae

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 4.3 x 10<sup>-3</sup> mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: 0.011 (96 hr, EC<sub>b50</sub>) mg/l, Fish

#### Chronic aquatic toxicity

**NOEC** 0.0001 < NOEC ≤ 0.001

**Degradability** Non-rapidly degradable

**M factor (Chronic)** 100

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

#### Sumithrin TG (1R-trans phenothrin)

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**Persistence and degradability** The product is not readily biodegradable. Photodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

#### Sumithrin TG (1R-trans phenothrin)

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** : 6.8

### 12.4. Mobility in soil

**Adsorption/desorption coefficient** Not known.

#### Sumithrin TG (1R-trans phenothrin)

**Mobility** Readily absorbed into the soil.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### Sumithrin TG (1R-trans phenothrin)

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not applicable.

#### Sumithrin TG (1R-trans phenothrin)

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Contact supplier for disposal information.

## SECTION 14: Transport information

**Road transport notes** Avoid releasing into the environment.

**Rail transport notes** Avoid releasing into the environment.

**Sea transport notes** Do not release into the environment.

### 14.1. UN number

**UN No. (ADR/RID)** 3082

**UN No. (IMDG)** 3082

### 14.2. UN proper shipping name

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**Proper shipping name (ADR/RID)** Environmentally Hazardous Substance, Liquid N.O.S (1R-trans Phenothrin)

**Proper shipping name (IMDG)** Environmenally Hazardous Substance, Liquid N.O.S (1R-trans Phenothrin)

**Proper shipping name (ICAO)** Environmenally Hazardous Substance, Liquid N.O.S (1R-trans Phenothrin)

**Proper shipping name (ADN)** Environmenally Hazardous Substance, Liquid N.O.S (1R-trans Phenothrin)

### 14.3. Transport hazard class(es)

**ADR/RID class** 9

**ADR/RID label** 9

**IMDG class** 9

### 14.4. Packing group

**ADR/RID packing group** III

**IMDG packing group** III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

**EmS** F-A, S-F

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78 and the IBC Code**

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Issued by** HS&E Manager.

**Revision date** 18/04/2017

**Revision** 8

**Supersedes date** 12/08/2016

**SDS number** 10060

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### Hazard statements in full

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.