



SAFETY DATA SHEET

Pesguard CT 2.6

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Pesguard CT 2.6

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

Identified uses Biocide

1.3. Details of the supplier of the safety data sheet

Supplier Sumitomo Chemical (UK) Plc
Horatio House
77-85 Fulham Palace Road
Hammersmith
London
W6 8JA
Tel: +44 (0)20 8600 7700
Fax: +44 (0)20 8600 7717
regulatory@scuk.sumitomo-chem.co.uk

1.4. Emergency telephone number

+44 (0)20 8762 8322 (UK)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) R43. N;R51/53.

2.2. Label elements

Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE

Labelling



Irritant



Dangerous for the environment

Risk Phrases

R43
R51/53

May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

S24
S37
S57

Avoid contact with skin.
Wear suitable gloves.
Use appropriate containment to avoid environmental contamination.

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S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S28	After contact with skin, wash immediately with plenty of water.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S23	Do not breathe vapour/spray.
S27	Take off immediately all contaminated clothing.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

CLOTHIANIDIN TG		1-3%
CAS-No.: 210880-92-5	EC No.:	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 - H302	Xn;R22.	
Aquatic Acute 1 - H400	N;R50/53.	
Aquatic Chronic 1 - H410		
1,2-BENZISOTHIAZOL-3(2H)-ONE		< 1%
CAS-No.: 2634-33-5	EC No.: 220-120-9	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 - H302	Xn;R22	
Skin Irrit. 2 - H315	R43	
Eye Dam. 1 - H318	Xi;R38,R41	
Skin Sens. 1 - H317	N;R50	
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

Move the exposed person to fresh air at once. Get medical attention.

Ingestion

Rinse mouth thoroughly. Drink plenty of water.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Contact physician if discomfort continues.

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

Eye contact

May cause temporary eye irritation.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Carbon dioxide or dry powder. Larger fires: Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

NOTE! Use air-supplied respirators to protect against gases/fumes. Dike and collect extinguishing water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Absorb spillage with suitable absorbent material.

6.4. 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

No specific usage precautions noted.

7.2. Conditions for safe storage, including any incompatibilities

No special storage precautions noted. Keep above the chemical's freezing point to avoid rupturing the container.

Storage Class

Unspecified storage.

7.3. 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

CLOTHIANIDIN TG (CAS: 210880-92-5)

Ingredient Comments

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Protective equipment

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Hand protection

Use protective gloves. Nitrile gloves are recommended.

Eye protection

Use eye protection.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Viscous
<u>Colour</u>	White.
<u>Odour</u>	Characteristic.
<u>Solubility</u>	Slightly soluble in water.
<u>Relative density</u>	1.13 g/ml
<u>Relative density</u>	20 °C
<u>pH-Value, Conc. Solution</u>	7.7 @ 20 deg C

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not applicable.

10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

Based on available data the classification criteria are not met.

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Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rat

Based on available data the classification criteria are not met.

Acute Toxicity (Inhalation LC50)

Scientifically unjustified.

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Not irritating.

Serious eye damage/irritation:

Not Irritating.

Skin contact

May cause sensitisation by skin contact.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

Ecological information on ingredients.

CLOTHIANIDIN TG (CAS: 210880-92-5)

Acute Fish Toxicity

Very toxic to aquatic organisms.

LC 50, 96 Hrs, Fish mg/l

>100

EC 50, 48 Hrs, Daphnia, mg/l

26

IC 50, 72 Hrs, Algae, mg/l

56 (96 hr)

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

Ecological information on ingredients.

CLOTHIANIDIN TG (CAS: 210880-92-5)

Degradability

The product is not readily biodegradable.

12.3. Bioaccumulative potential

Ecological information on ingredients.

CLOTHIANIDIN TG (CAS: 210880-92-5)

Bioaccumulative potential

Will not bio-accumulate.

Partition coefficient

0.7 @ 25°C

12.4. Mobility in soil

Mobility:

Unknown

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Ecological information on ingredients.

CLOTHIANIDIN TG (CAS: 210880-92-5)

Mobility:

Readily absorbed into the soil.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

Ecological information on ingredients.

CLOTHIANIDIN TG (CAS: 210880-92-5)

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

None known.

Ecological information on ingredients.

CLOTHIANIDIN TG (CAS: 210880-92-5)

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages. Do not allow runoff to sewer, waterway or ground.

SECTION 14: TRANSPORT INFORMATION

<u>Road Transport Notes</u>	Avoid releasing to the environment.
<u>Rail Transport Notes</u>	Avoid releasing to the environment.
<u>Sea Transport Notes</u>	Do not release into the environment.

14.1. UN number

<u>UN No. (ADR/RID/ADN)</u>	3082
<u>UN No. (IMDG)</u>	3082
<u>UN No. (ICAO)</u>	3082

14.2. UN proper shipping name

<u>Proper Shipping Name</u>	Environmentally Hazardous Substance, Liquid, N.O.S (Clothianidin, 1, 2-benzothiazol-3, (2H)one)
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14.3. Transport hazard class(es)

<u>ADR/RID/ADN Class</u>	9
<u>IMDG Class</u>	9
<u>ICAO Class/Division</u>	9

14.4. Packing group

<u>IMDG Packing group</u>	III
<u>ICAO Packing group</u>	III

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14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6. Special precautions for user

EMS F-A, S-F
Emergency Action Code 90

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

<u>Revision Date</u>	23/01/2013
<u>Revision</u>	2
<u>Supersedes date</u>	24/11/2010
<u>Risk Phrases In Full</u>	
R22	Harmful if swallowed.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50	Very toxic to aquatic organisms.
<u>Hazard Statements In Full</u>	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.