SECTION 1: Identification of the substance or mixture and the company

1.1. Product identifier

Interior paint with film protection against mould (treated goods) Federal Institute for Occupational Safety and Health (BauA) Reg no.:N-109273

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

Use of the substance/mixture

Coating

1.3. Details relating to the supplier that provided the safety data sheet

Company name:	PCI GmbH
Street:	Königspergerstr. 5
Location:	D-93426 Roding
Telephone:	+49 (0)9461-402592
Email:	info@pc-int.de
Website: Information provided by division:	www.schimmelschock40.com + 49 (0)9461-402592 / info@pc-int.de

1.4. Emergency number:

Charitee Berlin - Universitätsmedizin Berlin
Poison Control Centre – Hindenburgdamm 30
12203 Berlin
Telephone: +49 (0) 3068 6700

SECTION 2: Potential hazards

2.1. Classification of the substance or mixture Regulation (EC) No. 1272/2008

Hazard categories: . Skin Sens. 1 / H317; Aquatic Chronic 1 / H410

2.2. Labelling elements

Regulation (EC) No. 1272/2008

Hazard-determined components of labelling

3-Iod-2-propynylbutylcarbamate; 3-Iodprop-2-yn-1-yl-butylcarbamat Octhilinon (ISO); 2-Octyl-2H-isothiazol-3-onTerbutryn

Signal word: Danger

Pictograms:

Hazard warnings

H317	May cause allergic skin reactions.
H410	Very toxic for aquatic life with long lasting effects.
EUH 208	Contains: 3-Iod-2-propynylbutylcarbamate; 3-Iodprop-2-yn-1-yl-butylcarbamate Octhilinon (ISO); 2-Octyl-2H-isothiazol-3-on, Terbutryn. Can cause allergic reactions.

Safety instructions

P101 P102	If medical advice is required, have packaging or label to hand. Keep out of the reach of children.
P501	Dispose of the contents/container in accordance with regional laws

2.3. Other hazards

No information available.

SECTION 3: Composition/details on constituent parts

3.2. Mixtures Hazardous

ingredients

CAS No.:	Description			Share
	EC No.	Index No.	REACH No.	
	GHS classification			
55406-53-6	3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate			< 0.41%
	259-627-5	616-212-00-7		
	Acute tox. 3, Acute tox. 4, Eye dam. 1, Skin sens. 1, STOT RE 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 1); H331 H302 H318 H317 H372 H400 H410			
1314-13-2	Tinc oxide			< 0.24 %
	215-222-5	030-013-00-7		
	Aquatic Acute 1 H400 / Aquatic Chronic 1 H410			
13463-41-7	Zinc pyrithione			< 0.42 %
	236-671-3			
	Acute tox. 3, Acute tox. 3, Eye dam. 1, Aquatic Acute 1 (M-Factor = 100), Aquatic Chronic 1 (M-Factor = 10); H331 H301 H318 H400 H410			
26530-20-1	Octhilinon (ISO); 2-Octyl-2H-isothiazole-3-on			< 0.1 %
	247-761-7	613-112-00-5		
	Acute tox. 3, Acute tox. 3, Acute tox. 4, Skin corr. 1B, Skin sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H302 H314 H317 H400 H410			
886-50-0	Terbutryn			< 0.05 %
	212-950-0			
	Acute tox. 4 H302 / Aquatic Acute 1 H400 (M = 10) / Aquatic Chronic 1 H410 (M = 10)			

H and EUH statements text: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures.

General information

In all cases of doubt or if symptoms are present, seek medical advice.
Never give anything by mouth to an unconscious person or if cramps are occurring. If unconscious, place in a stable lateral position and seek medical advice.

After inhalation

Provide fresh air. Medical treatment required. Remove the person affected to fresh air and keep warm and calm.
In the event of breathing difficulties or respiratory arrest, initiate artificial respiration.

After skin contact

In the event of contact with skin, wash immediately with polyethylene glycol and then with plenty of water. Take off all contaminated items of clothing straight away and wash before wearing again. Medical treatment required. Contaminated clothing must be changed immediately.
In the event of contact with the skin, wash immediately with plenty of water and soap. Do not wash off with: Solvents/dilutions

After eye contact

In the event of contact with the eyes, rinse immediately with running water for 10 to 15 minutes with the eye lid open and consult an eye specialist. Remove any contact lenses if possible. Continue to rinse. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the accident victim is conscious). Consult a doctor immediately.
Keep the affected person quiet and cover / keep warm. Do not induce vomiting.

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

No information available.

4.3. Notes on immediate medical attention or special treatment

Symptomatic treatment.

SECTION 5: Fire-fighting measures

5.1. Extinguishing agents

Suitable extinguishing agents

Arrange extinguishing measures in accordance with the surroundings. alcohol-resistant foam, carbon dioxide (CO2), extinguishing powder, water mist

Unsuitable extinguishing agents

Full water jet

5.2. Specific hazards arising from the substance or mixture

Non-flammable. Vapours may form explosive mixtures with air. Heavy soot development during combustion.
Hazardous decomposition products: Soot. Risk of serious damage to health in the event of prolonged exposure. Use suitable respiratory protection.

5.3. Information on fighting fire

Wear self-contained breathing apparatus and chemical protection suit. Full protection suit. Use water jet spray for the protection of people and for cooling containers in the danger area.
Collect contaminated extinguishing water separately. Do not let it enter the sewer system or waterways.

Additional information

Use water jet spray for the protection of people and for cooling containers in the danger area. Suppress gases/vapours/mist with water spray jet. Collect contaminated extinguishing water separately. Do not let it enter the sewer system or waterways.

SECTION 6: Measures in the event of unintentional release

6.1. Personal precautions, protective equipment and emergency procedures.

Make sure there is ample ventilation. Do not inhale gas/smoke/vapour/aerosol. Avoid contact with skin, eyes and clothes. Use personal protective equipment. Contains: Solvents - From ignition sources

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keep away; do not smoke. Ventilate the affected area. Avoid breathing in dust/smoke/gas/mist/vapour/aerosols. Safe handling: see Section 7
Personal protective equipment: see Section 8

6.2. Environmental protection measures

Do not let it enter the sewer system or waterways. Do not let it enter the sewer system or waterways. Notify the relevant authorities in the event of gas leakage or if it enters water, soil or sewage systems.

6.3. Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder). Treat the assimilated material according to the Disposal section. Prevent widespread expansion (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder).
Collect in suitable, closed containers and take to Disposal. Disposal: see Section 13 Cleaning with detergents. Avoid solvents.

6.4. Reference to other sections

Safe handling: see Section 7 Personal protective equipment: see Section 8 Disposal: see Section 13

SECTION 7: Handling and storage

7.1. Protective measures for safe handling

Notes on safe handling

For open handling, devices with local exhaust ventilation must be used. Do not inhale gas/smoke/vapour/aerosol. Contains: Solvents – In case of insufficient ventilation and/or through use, formation of explosive / highly flammable mixtures is possible. Only use the material in places where open light, fire and other sources of ignition are kept away. Use explosion-proof electrical equipment.

Do not empty the container with pressure. Keep/store only in the original container. Do not let it enter the sewer system or waterways. Keep away from heat sources (e.g. hot surfaces), sparks and open flames.

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or mists/aerosols, inhalation of dust/particles. Do not eat, drink or smoke when working.

Notes on fire and explosion safety

Solvents – Vapours are heavier than air, spread on the ground and form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Ensure containers are sealed shut. Keep chemicals under lock and key Store in a place that is only accessible to authorised persons. Ensure adequate ventilation and spot extraction at critical points. Store in accordance with: Industrial Safety Ordinance (BetrSichV)

Notes on combined storage

Do not store together with: Oxidising agents, strong acid, strong lye

Further details on storage conditions Follow the instructions for use on the label. Storage temperature of_____°C -___°C.
Ingredients: Solvents – Keep container tightly closed and store in a cool, well-ventilated place. Keep out of sunlight. Keep away from ignition sources – Do not smoke. Store in a place that is only accessible to authorised persons. Always seal containers tightly after product removal.

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7.3. Specific end uses

Coatings and paints, thinners, paint removers

SECTION 8: Limiting and monitoring exposure/personal protective equipment

8.1. Parameters to be monitored

Occupational exposure limits

(TRGS 900)

CAS No.:	Description	ppm	mg/m³	F/m³	Peak limit	Type
26530-20-1	2-3-Octyl-2H-isothiazole-3-on		0.05 E		2 (I)	
55406-53-6	3-Iod-2-propinylbutyl carbamate	0.005	0.058		2 (I)	

PNEC values

CAS No.:	Description	
Environmental compartment		Value
55406-53-6	3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate	

8.2. Limiting and monitoring exposure Suitable

technical control equipment

For open handling, devices with local exhaust ventilation must be used. Do not inhale gas/smoke/vapour/aerosol. Make sure there is ample ventilation.
For open handling, devices with local exhaust ventilation must be used if possible.
If technical extraction or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Protective and hygiene measures

Immediately remove soiled and soaked clothing. Prepare and observe skin protection plan! Wash hands and face thoroughly before breaks and at the end of work, shower if necessary. Do not eat or drink during work.

Eye/face protection

Suitable eye protection: Safety goggles.

Hand protection

When handling chemical agents, only chemical protective gloves with CE markings including a four-digit identification number may be worn. Chemical protective gloves should be chosen depending on the concentration and amount of hazardous materials handled specific to the workplace. It is recommended to clarify the chemical resistance of the abovementioned protective gloves for particular applications with the glove manufacturer. Wear suitable safety gloves. Replace if worn!
Chemical protective gloves should be chosen depending on the concentration and amount of hazardous materials handled specific
to the workplace.
It is recommended to clarify the chemical resistance of the abovementioned protective gloves for particular applications with the glove manufacturer. Observe the manufacturer's instructions.

Suitable material: Nitrile 0.35 mm breakthrough time
(maximum wearing period) > 0 min. 480 min.

Apply a skin protection cream before handling the product.

Body protection

Wear suitable protective clothing when working. (/

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Respiratory protection

For brief exposure or low pollution, use a respiratory filter; for intensive or longer exposure, use a self-contained breathing apparatus.

Limiting and monitoring exposure to the environment

Do not let it enter the sewer system or waterways.

SECTION 9: Physical and chemical properties

9.1. Information about basic physical and chemical properties

Physical state:	Liquid	
Colour:	In accordance with product designation:	
Odour:	distinctive	
		Test standard
pH value:		unspecified
Changes of state		
Melting point:		unspecified
Initial boiling point and boiling range:		Not applicable, because aerosol.
Flashpoint:		Not applicable, because aerosol.
Flammability		
Solid:		not applicable
Gas:		not applicable
Lower explosive limit		not applicable
Upper explosive limit:		not applicable
Auto-ignition temperature		
Solid:		not applicable not applicable
Gas: Decomposition temperature:		unspecified
Ignition temperature:		unspecified
Vapour pressure:		unspecified
Density (at 20 °C):		1.5 g/cm³ DIN 53217
Water solubility:		miscible
Solubility in other solvents		
unspecified partition coefficient:		unspecified
Run-down time: (at 23 °C) vapour density:		unspecified
Evaporation rate:		unspecified

9.2. Other disclosures

Solid content:	unspecified

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions occur if handled and stored according to specifications.

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10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of dangerous reactions

Exothermic reaction with: Oxidising agents, strong acid, strong lye

10.4. Conditions to be avoided

When heated: Formation of: Hazardous decomposition products

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

nitrogen oxides (NOx), soot, carbon dioxide (CO_2), carbon monoxide

SECTION 11: Toxicological details

11.1. Details on toxicological effects Acute toxicity

The classification criteria are not fulfilled due to the data available.

CAS No.:	Description				
	Route of exposure	Dose	Species	Source	Method
55406-53-6	3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate				
	oral	ATE 500 mg/kg			
	inhalative steam	ATE 3 mg/l			
	inhalative aerosol	ATE 0.5 mg/l			
330-54-1	Diuron (ISO); 3-(3,4-Dichlorophenyl)-1,1-dimethylurea				
	oral	ATE 500 mg/kg			
13463-41-7	Zinc pyrithione				
	oral	ATE 100 mg/kg			
	inhalative steam	ATE 3 mg/l			
	inhalative aerosol	ATE 0.5 mg/l			
26530-20-1	Octhilinon (ISO); 2-Octyl-2H-isothiazole-3-on				
	oral	ATE 500 mg/kg			
	dermal	ATE 300 mg/kg			
	inhalative steam	ATE 3 mg/l			
	inhalative aerosol	ATE 0.5 mg/l			

Irritation and caustic effect

Causes serious eye damage.
Caustic / irritative effect on the skin: The classification criteria are not fulfilled due to the data available.

Sensitising effects

May cause allergic skin reactions. (3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate; Octhilinon (ISO); 2-Octyl-2H-isothiazole-3-on)

Carcinogenic, mutagenic, reprotoxic effects

May be carcinogenic. (Diuron (ISO); 3-(3,4-dichlorophenyl)-1,1- dimethylurea) Germ cell mutagenicity: The classification criteria are not fulfilled due to the data available. Reproductive toxicity: The classification criteria are not fulfilled due to the data available.

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Specific target organ toxicity - single exposure

The classification criteria are not fulfilled due to the data available.

Specific target organ toxicity in the case of repeated exposure:

May cause damage to organs through prolonged or repeated exposure. (3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate)

Aspiration hazard

The classification criteria are not fulfilled due to the data available.

Other disclosures regarding tests

The mixture is classified as hazardous within the meaning of Regulation (EC) No. 1272/2008 [CLP]. Specific hazards arising from the substance or mixture!

Hands-on experience

Observations relevant for classification

After inhalation:
Possible adverse effects on humans and possible symptoms: May irritate the airways. May damage the liver if inhaled. May damage the kidneys if inhaled. Depression of the central nervous system.
Symptoms: Headaches, dizziness, drowsiness, unconsciousness

After eye contact:
Irritates the eyes. (reversible.)

After skin contact:
Can be absorbed through the skin. Frequent and prolonged skin contact may cause skin irritation. Has a degreasing effect on the skin.

General remarks

There are no data available for the mixture. Classification under Regulation (EC) No 1272/2008 [CLP] Reference to other sections: 2, 3

SECTION 12: Environmental information

12.1. Toxicity

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No.:	Description						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
55406-53-6	3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate						
	Acutely toxic to fish	LC50 mg/l	0.43	96 h	Brachydanio rerio (zebrafish)		
	Acutely toxic to crustacea	EC50 mg/l	0.21	48 h	Daphnia magna		
13463-41-7	Zinc pyrithione						
	Acutely toxic to fish	LC50 mg/l	0.0026	96 h	Pimephales promelas (thickheaded minnow)		
	Acutely toxic to algae	ErC50 mg/l	0.028		Selenastrum capricornutum		
	Acutely toxic to crustacea	EC50 mg/l	0.0082	48 h	Daphnia magna		

12.2. Persistence and degradability

The product has not been checked.

12.3. Bioaccumulation potential

The product has not been checked.

Revised on: 05.01.2023

12.4. Mobility in the ground

The product has not been checked.

12.5. Results of PBT- and vPvB assessment

The product has not been checked.

12.6. Other harmful effects

No information available.

Further information

Do not let it enter the sewer system or waterways. Do not let it enter the foundation/ground. There are no data available for the mixture.
Do not let it enter the sewer system or waterways.

SECTION 13: Instructions for disposal

13.1. Waste treatment procedure

Recommendations for disposal

Do not let it enter the sewer system or waterways. Do not let it enter the foundation/ground. Disposal according to official regulations. Do not let it enter the sewer system or waterways. Remove in accordance with official regulations.

Disposal of unpurified packaging and recommended cleaning agents

This product and its container must be disposed of as hazardous waste. Contaminated packaging must be treated like the material. Completely emptied packaging can be sent for recycling. Remove in accordance with official regulations.

SECTION 14: Information on transportation

Overland transport

(ADR/RID) 14.1. UN number:	UN3082
14.2. Proper UN shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (2-Octyl-2H-isothiazol-3-one, 3-iodo-2-propynylbutylcarbamate)
14.3. Transport hazard classes:	III
14.4. Packing group:	9
Danger label:	-
Classification code:	<=5 L
Special directives:	-
Limited quantity (LQ): Ordered quantity: Transport category:	E
Hazard number: Tunnel restriction code:	-

Inland waterway transportation

(ADN) 14.1. UN number:	UN3082
14.2. Proper UN shipping name:	-
14.3. Transport hazard classes:	-
14.4. Packing group:	III.
Danger label:	-
Classification code:	
Special directives:	-
Limited quantity (LQ):	-
Ordered quantity:	-

Maritime transportation (IMDG)

Revision on: 05.01.2023

14.1. UN number:	UN3082
14.2. Proper UN shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-octyl-2H-isothiazol-3-one, 3-iodo-2-propynylbutylcarbamate)
14.3. Transport hazard classes:	-
14.4. Packing group:	III
Danger label: Special directives:	9
Limited quantity (LQ):	-
Ordered quantity:	-
EmS:	-

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: 14.2. Proper UN shipping name:	UN3082 Environmentally hazardous substance, liquid, n.o.s. (2-octyl-2H-isothiazol-3-one, 3-iodo-2-propynylbutylcarbamate)
14.3. Transport hazard classes:	
14.4 Packing group: Danger label:	III
Special directives:	9
Limited quantity (LQ) Passenger:	-
Ordered quantity:	-
IATA maximum quantity – Passenger:	-
IATA-	*

14.5. Environmental hazards

HAZARDOUS TO THE ENVIRONMENT: Hazardous to the environment:

14.6. Special precautions for the user

Please note:

14.7. Bulk goods transportation in accordance with Appendix II of the MARPOL-Convention and IBC code

not applicable.

SECTION 15: Legislation

15.1. Safety regulations, health and environmentally-related legal provisions for the substance or mixture

EU legislation

Use restrictions (REACH, Annex XVII):

Information on the VOC Directive 2004/42/EC:	0.45 % (4.833 g/l)

National regulations

Employment restrictions:	Comply with employment restrictions for adolescents (§ 22 Young Persons Protection of Employment Act JArbSchG). Comply with employment restrictions for those who are pregnant and breastfeeding (Sections 11 and 12 of the Maternity Protection Act (MuSchG)).
Water hazard class: Status:	3 - Highly hazardous to water Classification of mixtures according to Annex 1, No. 5 AwSV

Additional information

National regulations must also be observed!

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other disclosures

Abbreviations and acronyms used

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of
Chemicals EINECS: European Inventory of Existing Commercial Chemical
Substances ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Classification of mixtures and evaluation method used in accordance with Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Aerosol1; H222 - H290	Calculation method
Skin Sens. 1; H317	Calculation method

H and EUH statements text (number and full text)

H301	Toxic if swallowed. Harmful if swallowed.
H302	Toxic in case of skin contact.
H311	Causes severe irritation of the skin and severe eye damage.
H314	May cause allergic skin reactions. Causes serious eye
H317	damage.
H318	Toxic if inhaled.
H331	May be carcinogenic.
H351	Damages the organs in the event of prolonged or repeated exposure.
H372	May cause damage to organs through prolonged or repeated
H373	exposure. Very toxic to aquatic organisms.
H400	Very toxic for aquatic life with long lasting effects.
H410	

Further details

The information in this safety data sheet was, to the best of our knowledge, correct at the time going to press. The information is intended to provide you with advice on how to safely handle the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferrable to other products. Should the product be combined, mixed or handled with other materials or undergo processing, the details in this safety data sheet cannot be transferred to the new material manufactured in this way unless specifically indicated otherwise.

(The hazardous ingredients data was always taken from the latest valid safety data sheet of the pre-supplier).