

JOTUN Impregnering tre

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

1.1 Product identifier

Product name : JOTUN Impregnering tre
Product code : 26060
Product description : Waterborne paint.
Product type : Liquid.
Other means of identification : Not available.
Product registration number : 75119

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

Identified uses

Use in coatings - Consumer use: Apply this product only as specified on the label.
Use in coatings - Professional use

1.3 Details of the supplier of the safety data sheet

Jotun A/S
P.O.Box 2021
3202 Sandefjord
Norway

Tel: + 47 33 45 70 00
Fax: +47 33 45 72 42
SDSJotun@jotun.no

1.4 Emergency telephone number

Norwegian National Poison Centre: +47 22 59 13 00

NOBB number : 47150876, 47151118

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :



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SECTION 2: Hazards identification

- Signal word** : No signal word.
- Hazard statements** : H411 - Toxic to aquatic life with long lasting effects.
- Precautionary statements**
- General** : P102 - Keep out of reach of children.
- Prevention** : P273 - Avoid release to the environment.
- Response** : P391 - Collect spillage.
- Storage** : Not applicable.
- Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Contains 3-iodo-2-propynyl butylcarbamate (IPBC) and propiconazole. May produce an allergic reaction.
- Additional information** : Jotun Impregnering Tre: This product is a wood preservative authorized according to national legislation implementing the Biocidal Product Directive 98/8/EC. Authorized biocidal products should be handled and used in accordance with instructions given on the label/technical data sheet.
- Use Class 3
The maximum level of the active ingredients: 0,3% 3-Iodo-2-propynyl-butylcarbamate, 0,2% tebuconazole, 0,2% Propiconazol, 0,04% Thiachloprid. Authorised for amateur and professional use.
- Conditions for use:
Application method: Brush, sponge, dipping. The product is not to be used for spray application.
The maximum application rate is 4 m²/L
To comply with the efficacy claim, a topcoat has to be applied. The topcoat should be applied within one month after application.
Appropriate and suitable PPE (coverall, gloves and goggles) has to be used by professionals.
Not to be used on materials which are in direct contact with food or feeding stuff.
The soil has to be covered during application of the wood preservative product.
The product must not be used near surface water and run-off to surface water has to be prevented.
Not to be used on materials which are in direct contact with water and/or soil.
Do not allow to enter drains or watercourses. Material and/or container must be disposed of as hazardous waste.
- Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.
- Special packaging requirements**
- Containers to be fitted with child-resistant fastenings** : Not applicable.
- Tactile warning of danger** : Not applicable.
- 2.3 Other hazards**
- Other hazards which do not result in classification** : None known.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

| Product/ingredient name | Identifiers | Weight % | Regulation (EC) No. 1272/2008 [CLP] | Type |
|---|---|----------|--|------|
| (2-methoxymethylethoxy)propanol | REACH #: 01-2119450011-60 | ≤5 | Not classified. | [2] |
| 3-iodo-2-propynyl butylcarbamate (IPBC) | EC: 252-104-2 CAS: 34590-94-8 EC: 259-627-5 CAS: 55406-53-6 Index: 616-212-00-7 | <1 | Acute Tox. 4, H302 Acute Tox. 3, H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 (trachea) Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) | [1] |
| tebuconazole | EC: 403-640-2 CAS: 107534-96-3 Index: 603-197-00-7 | ≤0.3 | Acute Tox. 4, H302 Repr. 2, H361d (Unborn child) Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=10) | [1] |
| propiconazole | EC: 262-104-4 CAS: 60207-90-1 Index: 613-205-00-0 | ≤0.3 | Acute Tox. 4, H302 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | [1] |
| thiacloprid | CAS: 111988-49-9 | ≤0.1 | Acute Tox. 4, H302 Acute Tox. 4, H332 Carc. 2, H351 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) See Section 16 for the full text of the H statements declared above. | [1] |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General** : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
- Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

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SECTION 4: First aid measures

- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 3-iodo-2-propynyl butylcarbamate (IPBC), propiconazole. May produce an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

See toxicological information (Section 11)

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Recommended: alcohol-resistant foam, CO₂, powders, water spray.
- Unsuitable extinguishing media** : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
- Hazardous combustion products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
- Special protective equipment for fire-fighters** : Appropriate breathing apparatus may be required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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SECTION 6: Accidental release measures

- 6.2 Environmental precautions** : Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.
- 6.3 Methods and material for containment and cleaning up** : Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.
- 6.4 Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Avoid contact with skin and eyes.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
Put on appropriate personal protective equipment (see Section 8).
Never use pressure to empty. Container is not a pressure vessel.
Always keep in containers made from the same material as the original one.
Comply with the health and safety at work laws.
Do not allow to enter drains or watercourses.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

Additional information on storage conditions

Store in a dry, cool and well-ventilated area. Keep container tightly closed.
No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

| Product/ingredient name | Exposure limit values |
|---------------------------------|--|
| (2-methoxymethylethoxy)propanol | FOR-2011-12-06-1358 (Norway, 7/2016). Absorbed through skin. TWA: 300 mg/m ³ 8 hours. FOR-2011-12-06-1358 (Norway, 7/2016). Absorbed through skin. Notes: TWA: 50 ppm 8 hours. |

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SECTION 8: Exposure controls/personal protection

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

| Product/ingredient name | Exposure | Value | Population | Effects |
|---------------------------------|----------------------|------------------------|------------|----------|
| (2-methoxymethylethoxy)propanol | Long term Dermal | 65 mg/kg bw/day | Workers | Systemic |
| | Long term Inhalation | 310 mg/m ³ | Workers | Systemic |
| | Long term Inhalation | 37.2 mg/m ³ | Consumers | Systemic |
| | Long term Oral | 1.67 mg/kg bw/day | Consumers | Systemic |
| | Long term Dermal | 15 mg/kg bw/day | Consumers | Systemic |

PNECs

| Product/ingredient name | Compartment Detail | Value | Method Detail |
|---------------------------------|------------------------|----------------|--------------------|
| (2-methoxymethylethoxy)propanol | Fresh water | 19 mg/l | Assessment Factors |
| | Marine | 1.9 mg/l | Assessment Factors |
| | Fresh water sediment | 70.2 mg/kg dwt | Assessment Factors |
| | Marine water sediment | 7.02 mg/kg dwt | Assessment Factors |
| | Soil | 2.74 mg/kg | Assessment Factors |
| | Sewage Treatment Plant | 4168 mg/l | Assessment Factors |

8.2 Exposure controls

Appropriate engineering controls : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Use safety eyewear designed to protect against splash of liquids.

Skin protection

Gloves : There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

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SECTION 8: Exposure controls/personal protection

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

For right choice of glove materials, with focus on chemical resistance and time of penetration, seek advice by the supplier of chemical resistant gloves.

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

- Body protection** : Not applicable.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : If workers are exposed to concentrations above the exposure limit, they must use a respirator according to EN 140.
- Environmental exposure controls** : Do not allow to enter drains or watercourses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

- Physical state** : Liquid.
- Colour** : Colourless to light yellow.
- Odour** : Characteristic.
- Odour threshold** : Not applicable.
- pH** : 7.5
- Melting point/freezing point** : 0
- Initial boiling point and boiling range** : Lowest known value: 100°C (212°F) (water). Weighted average: 104.71°C (220.5°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : Highest known value: 0.36 (water) Weighted average: 0.34 compared with butyl acetate
- Flammability (solid, gas)** : Not applicable.
- Upper/lower flammability or explosive limits** : 1.1 - 14%
- Vapour pressure** : Highest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water). Weighted average: 3.02 kPa (22.65 mm Hg) (at 20°C)
- Vapour density** : Highest known value: 5.1 (Air = 1) (dipropylene glycol methyl ether).
- Density** : 1.002 g/cm³
- Solubility(ies)** : Easily soluble in the following materials: cold water and hot water.
- Partition coefficient: n-octanol/ water** : Not available.
- Auto-ignition temperature** : Not applicable.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (40°C): >0.205 cm²/s (>20.5 mm²/s)
- Explosive properties** : Not available.
- Oxidising properties** : Not available.

9.2 Other information

No additional information.

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SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products.
- 10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
- 10.6 Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 3-iodo-2-propynyl butylcarbamate (IPBC), propiconazole. May produce an allergic reaction.

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|---------------------------------|--------------------|------------------------|----------|
| tebuconazole | LC50 Inhalation Dusts and mists | Rat | >5.093 mg/l | 4 hours |
| | LD50 Dermal | Rat - Male, Female | >5000 mg/kg | - |
| propiconazole | LD50 Oral | Rat - Female | 1700 mg/kg | - |
| | LD50 Dermal | Rat | >4 g/kg | - |
| thiacloprid | LD50 Oral | Rat | 1517 mg/kg | - |
| | LC50 Inhalation Vapour | Rat | 1223 mg/m ³ | 4 hours |
| | LD50 Dermal | Rat | >2000 mg/kg | - |
| | LD50 Oral | Rat | 444 mg/kg | - |

Conclusion/Summary : Not available.

Acute toxicity estimates

| Route | ATE value |
|------------------------------|------------|
| Inhalation (dusts and mists) | 163.8 mg/l |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|----------------------------------|----------------------|---------|-------|-------------------------|-------------|
| (2-methoxymethylethoxy) propanol | Eyes - Mild irritant | Human | - | 8 milligrams | - |
| | Eyes - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| | Skin - Mild irritant | Rabbit | - | 500 milligrams | - |

Conclusion/Summary : Not available.

Sensitisation

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

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SECTION 11: Toxicological information

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

| Product/ingredient name | Category | Route of exposure | Target organs |
|---|------------|-------------------|---------------|
| 3-iodo-2-propynyl butylcarbamate (IPBC) | Category 1 | Not determined | trachea |

Aspiration hazard

Not available.

Other information : Not available.

SECTION 12: Ecological information

12.1 Toxicity

There are no data available on the mixture itself.
Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

| Product/ingredient name | Result | Species | Exposure |
|---|------------------------------------|--|-------------------------|
| 3-iodo-2-propynyl butylcarbamate (IPBC) | Acute EC50 0.022 mg/l | Algae - Scenedesmus subspicatus | 72 hours |
| | Acute EC50 0.16 mg/l | Crustaceans - Daphnia magna | 48 hours |
| | Acute LC50 0.067 mg/l | Fish - Oncorhynchus mykiss | 96 hours |
| | Chronic NOEC 70 ppb Fresh water | Fish - Oncorhynchus mykiss - Juvenile (Fledgling, Hatchling, Weanling) | 96 hours |
| | | tebuconazole | Daphnia - Daphnia magna |
| propiconazole | Acute EC50 2.79 mg/l | Algae - Pseudokirchneriella subcapitata | 72 hours |
| | Acute IC50 3.8 mg/l | Fish - Onchorhynchus mykiss | 96 hours |
| | Acute LC50 4.4 mg/l | Daphnia | 21 hours |
| | Chronic NOEC 0.01 mg/l Fresh water | Daphnia - Daphnia magna | 48 hours |
| Acute EC50 4.8 ppm Fresh water | | Fish - Oncorhynchus mykiss | 96 hours |
| Acute LC50 1 ppm Fresh water | | Algae - Scenedesmus acutus var. acutus | 96 hours |
| thiacloprid | Chronic NOEC 0.05 mg/l Fresh water | Daphnia - Daphnia magna | 21 days |
| | Chronic NOEC 0.31 ppm Marine water | Fish - Oncorhynchus mykiss | 30 days |
| | Chronic NOEC 0.2 µg/l Fresh water | Crustaceans | 48 hours |
| | Acute EC50 0.0077 mg/l | Daphnia | 48 hours |
| | Acute EC50 85.1 mg/l | Algae | 72 hours |
| Acute IC50 96.7 mg/l | Fish | 96 hours | |
| Acute LC50 25.2 mg/l | | | |

Conclusion/Summary : This material is toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

Biodegradability

| Product/ingredient name | Aquatic half-life | Photolysis |
|-------------------------|-------------------|------------|
| | | |

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SECTION 12: Ecological information

| | | | |
|---|---|---|-------------|
| (2-methoxymethylethoxy) propanol | - | - | Readily |
| 3-iodo-2-propynyl butylcarbamate (IPBC) | - | - | Readily |
| propiconazole | - | - | Not readily |

12.3 Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|----------------------------------|--------------------|-----|-----------|
| (2-methoxymethylethoxy) propanol | 0.004 | - | low |
| tebuconazole | 3.7 | 78 | low |
| propiconazole | 3.72 | - | low |

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

Disposal considerations : Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

European waste catalogue (EWC) : 08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Disposal considerations : Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.

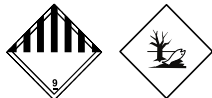
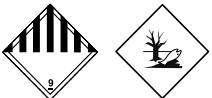
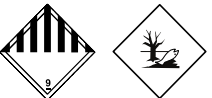

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SECTION 13: Disposal considerations

| | | |
|---|-----------|---|
| Type of packaging CEPE Paint Guidelines | 15 01 10* | European waste catalogue (EWC) packaging containing residues of or contaminated by hazardous substances |
|---|-----------|---|

Special precautions : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

| | ADR/RID | ADN | IMDG | IATA |
|--|---|---|---|--|
| 14.1 UN number | 3082 | 3082 | 3082 | 3082 |
| 14.2 UN proper shipping name | Environmentally hazardous substance, liquid, n.o.s. (thiacloprid) | Environmentally hazardous substance, liquid, n.o.s. (thiacloprid) | Environmentally hazardous substance, liquid, n.o.s. (thiacloprid). Marine pollutant (3-iodo-2-propynyl butylcarbamate (IPBC)) | Environmentally hazardous substance, liquid, n.o.s. (thiacloprid) |
| 14.3 Transport hazard class(es) | 9  | 9  | 9  | 9  |
| 14.4 Packing group | III | III | III | III |
| 14.5 Environmental hazards | Yes. | Yes. | Yes. | Yes. |
| Additional information | Tunnel restriction code: (-) Hazard identification number: 90 | This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. | This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. Emergency schedules (EmS) F-A, S-F | This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8. |

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not applicable.

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SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Other EU regulations

VOC : The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.

VOC for Ready-for-Use Mixture : Not applicable.

Europe inventory : Not determined.

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product may add to the calculation for determining whether a site is within the scope of the Seveso Directive on major accident hazards.

National regulations

Product registration number : 75119

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety assessment : Not applicable.

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SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

Abbreviations and acronyms

- : ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification | Justification |
|-------------------------|--------------------|
| Aquatic Chronic 2, H411 | Calculation method |

Full text of abbreviated H statements

| | |
|-------|---|
| H302 | Harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H351 | Suspected of causing cancer. |
| H361d | Suspected of damaging the unborn child. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| 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. |

Full text of classifications [CLP/GHS]

| | |
|-------------------------|---|
| Acute Tox. 3, H331 | ACUTE TOXICITY (inhalation) - Category 3 |
| Acute Tox. 4, H302 | ACUTE TOXICITY (oral) - Category 4 |
| Acute Tox. 4, H332 | ACUTE TOXICITY (inhalation) - Category 4 |
| Aquatic Acute 1, H400 | ACUTE AQUATIC HAZARD - Category 1 |
| Aquatic Chronic 1, H410 | LONG-TERM AQUATIC HAZARD - Category 1 |
| Aquatic Chronic 2, H411 | LONG-TERM AQUATIC HAZARD - Category 2 |
| Carc. 2, H351 | CARCINOGENICITY - Category 2 |
| Eye Dam. 1, H318 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 |
| Repr. 2, H361d | REPRODUCTIVE TOXICITY (Unborn child) - Category 2 |
| Skin Sens. 1, H317 | SKIN SENSITISATION - Category 1 |
| STOT RE 1, H372 | SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1 |

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If there is any inconsistency between different language issues of this document, the English (United

This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006.

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SECTION 16: Other information

Kingdom) version will prevail.