

SAFETY DATA SHEET



Date of issue/Date of revision : 22 February 2024 Version : 9

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

1.1 Product identifier

Product name : GORI TRANSPARENT TRÆOLIE 303  
Product code : 10130DSC80303  
Other means of identification  
00388210; 00388211; 00388212; 00388213; 00388214; 00441243

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

Identified uses
Professional painting, outdoor brush/roller

Product use : Consumer applications, Professional applications, Application by non spray methods..

1.3 Details of the supplier of the safety data sheet

PPG Coatings Danmark A/S  
Gladsaxevej 300  
DK-2860 Søborg  
Tlf.: +45 39 57 94 00

e-mail address of person responsible for this SDS : Product.Stewardship.EMEA@ppg.com

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : Poison Information Centre; emergency telephone, public + 45 82 12 12 12 (health sector +45 35 31 55 55)

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]  
Asp. Tox. 1, H304

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.  
See Section 16 for the full text of the H statements declared above.  
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 2: Hazards identification

Hazard pictograms	: 
Signal word	: <input checked="" type="checkbox"/> Danger
Hazard statements	: <input checked="" type="checkbox"/> May be fatal if swallowed and enters airways.
<u>Precautionary statements</u>	
General	: Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Not applicable.
Response	: <input checked="" type="checkbox"/> IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
Storage	: <input checked="" type="checkbox"/> Store locked up.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations. <input checked="" type="checkbox"/> P102, P101, P301 + P310, P331, P405, P501
Hazardous ingredients	<input checked="" type="checkbox"/> Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Supplemental label elements	: <input checked="" type="checkbox"/> Repeated exposure may cause skin dryness or cracking. Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
<u>Special packaging requirements</u>	
Containers to be fitted with child-resistant fastenings	: <input checked="" type="checkbox"/> Yes, applicable.
Tactile warning of danger	: <input checked="" type="checkbox"/> Yes, applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB	: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	: Prolonged or repeated contact may dry skin and cause irritation.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	% by weight	Classification	Specific Conc. Limits, M-factors and ATEs	Type
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	REACH #: 01-2119457273-39 EC: 918-481-9 CAS: 64742-48-9	≥25 - ≤50	Asp. Tox. 1, H304 EUH066	EUH066: C ≥ 20%	[1]
3-iodo-2-propynyl butylcarbamate	EC: 259-627-5 CAS: 55406-53-6 Index: 616-212-00-7	<0.25	Acute Tox. 4, H302 Acute Tox. 3, H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 (larynx) Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 1470 mg/kg ATE [Inhalation (dusts and mists)] = 0.67 mg/l M [Acute] = 10 M [Chronic] = 1	[1]
2-methylpentane-2,4-diol	EC: 203-489-0 CAS: 107-41-5	≤0.30	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361d <b>See Section 16 for the full text of the H statements declared above.</b>	-	[1] [2]

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

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

4.1 Description of first aid measures

- 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.
- 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

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 4: First aid measures

Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Ingestion	: <input checked="" type="checkbox"/> May be fatal if swallowed and enters airways.
<u>Over-exposure signs/symptoms</u>	
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: <input checked="" type="checkbox"/> Adverse symptoms may include the following: nausea or vomiting

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.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	: Decomposition products may include the following materials: carbon oxides

5.3 Advice for firefighters

Special precautions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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".

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 6: Accidental release measures

- 6.2 Environmental precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- 6.3 Methods and material for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
- 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

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.  
  
Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in purpose-built containers or in metal containers with tight-fitting, self-closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- 7.2 Conditions for safe storage, including any incompatibilities

: Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 7: Handling and storage

See Section 1.2 for Identified uses.

SECTION 8: Exposure controls/personal protection

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).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
2-methylpentane-2,4-diol	Working Environment Authority (Denmark, 2/2023). CEIL: 125 mg/m³ CEIL: 25 ppm

**Recommended monitoring procedures** : 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

Product/ingredient name	Type	Exposure	Value	Population	Effects
3-iodo-2-propynyl butylcarbamate  2-methylpentane-2,4-diol	DNEL	Long term Inhalation	0.023 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	0.07 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	1.16 mg/m³	Workers	Local
	DNEL	Long term Inhalation	1.16 mg/m³	Workers	Local
	DNEL	Long term Dermal	2 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	25 mg/m³	General population	Local
	DNEL	Long term Inhalation	49 mg/m³	Workers	Local
	DNEL	Short term Inhalation	98 mg/m³	Workers	Local
	DNEL	Long term Oral	2.25 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	7.83 mg/m³	General population	Systemic
	DNEL	Long term Dermal	22.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	44.43 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	49 mg/m³	General population	Local
	DNEL	Long term Dermal	63 mg/kg bw/day	Workers	Systemic

PNECs

PNECs - Not available.

8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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** : Safety glasses with side shields. Use eye protection according to EN 166.

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 8: Exposure controls/personal protection

Skin protection

**Hand protection** :  Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. 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.

**Gloves** : For prolonged or repeated handling, use the following type of gloves:  
  
Recommended: nitrile rubber

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**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** : Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Wear a respirator conforming to EN140. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Mask type: full-face mask half-face mask Filter type: organic vapour filter (Type A) particulate filter P3 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

**Physical state** : Liquid.

**Colour** : Various

**Odour** : Hydrocarbon.

**Odour threshold** : Not available.

**Melting point/freezing point** : May start to solidify at the following temperature: -54°C (-65.2°F) This is based on data for the following ingredient: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics .

**Initial boiling point and boiling range** : >37.78°C

**Flammability** : Not available.



Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 9: Physical and chemical properties

Upper/lower flammability or explosive limits	: Greatest known range: Lower: 0.6% Upper: 7% (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics )																				
Flash point	: Closed cup: 63°C																				
Auto-ignition temperature	:																				
<table><tr><th>Ingredient name</th><th>°C</th><th>°F</th><th>Method</th></tr><tr><td>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics</td><td>&gt;230</td><td>&gt;446</td><td></td></tr></table>		Ingredient name	°C	°F	Method	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	>230	>446													
Ingredient name	°C	°F	Method																		
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	>230	>446																			
Decomposition temperature	: Stable under recommended storage and handling conditions (see Section 7).																				
pH	: Not applicable. insoluble in water.																				
Viscosity	: Kinematic (40°C): <14 mm²/s																				
Viscosity	: 30 - <40 s (ISO 6mm)																				
Solubility(ies)	:																				
<table><tr><th>Media</th><th>Result</th></tr><tr><td>cold water</td><td>Not soluble</td></tr></table>		Media	Result	cold water	Not soluble																
Media	Result																				
cold water	Not soluble																				
Partition coefficient: n-octanol/ water	: Not applicable.																				
Vapour pressure	:																				
<table><tr><th rowspan="2">Ingredient name</th><th colspan="3">Vapour Pressure at 20°C</th><th colspan="3">Vapour pressure at 50°C</th></tr><tr><th>mm Hg</th><th>kPa</th><th>Method</th><th>mm Hg</th><th>kPa</th><th>Method</th></tr><tr><td>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics</td><td>0.375</td><td>0.05</td><td></td><td></td><td></td><td></td></tr></table>		Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C			mm Hg	kPa	Method	mm Hg	kPa	Method	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	0.375	0.05				
Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C																	
	mm Hg	kPa	Method	mm Hg	kPa	Method															
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	0.375	0.05																			
Evaporation rate	: 0.04 (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics ) compared with butyl acetate																				
Relative density	: 0.87																				
Explosive properties	: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.																				
Oxidising properties	: Product does not present an oxidizing hazard.																				
<u>Particle characteristics</u>																					
Median particle size	: Not applicable.																				
9.2 Other information																					
No additional information.																					

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	: The product is stable.
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. Refer to protective measures listed in sections 7 and 8.
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.



Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 10: Stability and reactivity

10.6 Hazardous decomposition products : Depending on conditions, decomposition products may include the following materials:  
carbon oxides

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	LD50 Dermal	Rabbit	>5000 mg/kg	-
3-iodo-2-propynyl butylcarbamate	LD50 Oral	Rat	>6 g/kg	-
	LC50 Inhalation Dusts and mists	Rat	0.67 mg/l	4 hours
	LD50 Dermal	Rabbit	>2 g/kg	-
2-methylpentane-2,4-diol	LD50 Oral	Rat	1470 mg/kg	-
	LD50 Dermal	Rat - Male, Female	>2000 mg/kg	-
	LD50 Oral	Rat	3700 mg/kg	-

Conclusion/Summary : There are no data available on the mixture itself.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
3-iodo-2-propynyl butylcarbamate	Eyes - Severe irritant	Rabbit	-	-	-

Conclusion/Summary

Skin : There are no data available on the mixture itself.  
Eyes : There are no data available on the mixture itself.  
Respiratory : There are no data available on the mixture itself.

Sensitisation

Conclusion/Summary

Skin : There are no data available on the mixture itself.  
Respiratory : There are no data available on the mixture itself.

Mutagenicity

Conclusion/Summary : There are no data available on the mixture itself.

Carcinogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Reproductive toxicity

Conclusion/Summary : There are no data available on the mixture itself.

Teratogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs

Aspiration hazard

Product/ingredient name	Result
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	ASPIRATION HAZARD - Category 1

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 11: Toxicological information

Information on likely routes of exposure	: Not available.
<u>Potential acute health effects</u>	
Inhalation	: No known significant effects or critical hazards.
Ingestion	: May be fatal if swallowed and enters airways.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Eye contact	: No known significant effects or critical hazards.
<u>Symptoms related to the physical, chemical and toxicological characteristics</u>	
Inhalation	: No specific data.
Ingestion	: Adverse symptoms may include the following: nausea or vomiting
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Eye contact	: No specific data.
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>	
<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
<u>Potential chronic health effects</u>	
Not available.	
Conclusion/Summary	: Not available.
General	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.
Other information	: Not available.
Prolonged or repeated contact may dry skin and cause irritation. Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing.	
<b>11.2 Information on other hazards</b>	
<b>11.2.1 Endocrine disrupting properties</b>	
Not available.	
<b>11.2.2 Other information</b>	
Not available.	

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
3-iodo-2-propynyl butylcarbamate  2-methylpentane-2,4-diol	Acute EC50 0.186 mg/l	Daphnia - <i>Daphnia magna</i>	48 hours
	Fresh water		
	Acute LC50 0.067 mg/l	Fish	96 hours
	Chronic NOEC 0.049 mg/l	Fish	96 hours
	EC50 >429 mg/l	Algae - <i>Raphidocelis subcapitata</i>	72 hours
	EC50 5.41 mg/l	Daphnia - <i>Daphnia magna</i>	48 hours
	LC50 8.51 mg/l	Fish - <i>Gambusia affinis</i>	96 hours
	NOEC 429 mg/l	Algae - <i>Raphidocelis subcapitata</i>	72 hours

Conclusion/Summary : There are no data available on the mixture itself.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
3-iodo-2-propynyl butylcarbamate 2-methylpentane-2,4-diol	-	25 % - Inherent - 28 days	-	-
	OECD 301F Ready Biodegradability - Manometric Respirometry Test	81 % - 28 days	-	-

Conclusion/Summary : There are no data available on the mixture itself.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
3-iodo-2-propynyl butylcarbamate 2-methylpentane-2,4-diol	-	-	Inherent
	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
2-methylpentane-2,4-diol	0.58	-	Low

12.4 Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.  
Mobility : Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 12: Ecological information

12.7 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	: Yes.
European waste catalogue (EWC)	

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous 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.
Type of packaging	European waste catalogue (EWC)
Container	15 01 06 mixed packaging
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 spilt material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	9003	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	SUBSTANCES WITH A FLASH-POINT ABOVE 60 °C AND NOT MORE THAN 100 °C  (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics )	-	-
14.3 Transport hazard class(es)	-	9	-	-
14.4 Packing group	-	-	-	-

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

14. Transport information

14.5 Environmental hazards Marine pollutant substances	No.  Not applicable.	Yes.  Not applicable.	No.  Not applicable.	No.  Not applicable.
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Additional information

ADR/RID	: None identified.
ADN	: The product is only regulated as a dangerous good when transported in tank vessels.
IMDG	: None identified.
IATA	: None identified.

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 Maritime transport in bulk according to IMO instruments : Not applicable.

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** : Not applicable.  
on the manufacture,  
placing on the market  
and use of certain  
dangerous substances,  
mixtures and articles  
**Explosive precursors** : Not applicable.

Ozone depleting substances (1005/2009/EU)

Not listed.  
**VOC for Ready-for-Use Mixture** : IIA/f. Interior and exterior minimal build woodstains. EU limit values: 700 g/l (2010.)  
This product contains a maximum of 500 g/l VOC.

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations

**Product registration number** : 4095634  
**Danish fire class** : III-1  
**MAL-code** : 2-1

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 15: Regulatory information

Protection based on MAL : According to the regulations on work involving coded products, the following stipulations apply to the use of personal protective equipment:

**General:** Gloves must be worn for all work that may result in soiling. Apron/coveralls/ protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. A face shield must be worn in work involving spattering if a full mask is not required. In this case, other recommended use of eye protection is not required.

In all spraying operations in which there is return spray, the following must be worn: respiratory protection and arm protectors/apron/coveralls/protective clothing as appropriate or as instructed.

MAL-code: 2-1  
**Application:** When using scraper or knife, brush, roller, etc, for pre- and post-treatments in cabins or booths of the existing\* facility type, if the operator is inside the spray zone. When using scraper or knife, brush, roller, etc. for pre- and post-treatments outside a closed facility, spray booth or spray cabin.


- Gas filter mask must be worn.
- When spraying in existing\* spray booths, if the operator is outside the spray zone.
- Air-supplied half mask, arm protectors and eye protection must be worn.
- During non-atomising spraying in existing\* facilities of the combined-cabin, spray-cabin and spray-booth type where the operator is working inside the spray zone. During downtimes, cleaning and repair in closed facilities, spray booths or cabins, if there is a risk of contact with wet paint or organic solvents.
- Air-supplied half mask and eye protection must be worn.
- During all spraying where atomisation occurs in cabins or spray booths where the operator is inside the spray zone and during spraying outside a closed facility, cabin or booth.
- Air-supplied half mask, eye protection, coveralls and hood must be worn.

**Drying:** Items for drying/drying ovens that are temporarily placed on such things as rack trolleys, etc, must be equipped with a mechanical exhaust system to prevent fumes from wet items from passing through workers' inhalation zone.

**Polishing:** When polishing treated surfaces, a mask with dust filter must be worn. When machine grinding, eye protection must be worn. Work gloves must always be worn.

**Caution** The regulations contain other stipulations in addition to the above.

\*See Regulations.

Restrictions on use :  Not to be used by professional users below 18 years of age. See the National Working Environment Authorities Executive Order regarding Young People At Work.

Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 15: Regulatory information

List of undesirable substances : Not listed

15.2 Chemical safety assessment : No Chemical Safety Assessment has been carried out.

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]  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
PBT = Persistent, Bioaccumulative and Toxic  
vPvB = Very Persistent and Very Bioaccumulative  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
IMDG = International Maritime Dangerous Goods  
IATA = International Air Transport Association

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

Classification	Justification
Asp. Tox. 1, H304	Calculation method

Full text of abbreviated H statements

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
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.
EUH066	Repeated exposure may cause skin dryness or cracking.

Full text of classifications [CLP/GHS]



Code	: 10130DSC80303	Date of issue/Date of revision	: 22 February 2024
GORI TRANSPARENT TRÆOLIE 303			

SECTION 16: Other information

Acute Tox. 3	ACUTE TOXICITY - Category 3
Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1

History

Date of issue/ Date of revision	: 22 February 2024
Date of previous issue	: 16 January 2024
Prepared by	: EHS
Version	: 9

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

# Safe Use of Mixtures Information for end-users

**Title** : Professional painting, outdoor brush/roller

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*

## General description of the process covered

Outdoor painting by professionals with brush or roller

**This safe use information is linked to SWED no.** : CEPE\_PW\_06

**Product category(ies)** : Coatings and paints, thinners, paint removers

## Operational conditions

**Place of use** : Outdoor use

## Risk management measures (RMM)

Contributing activity	Maximum duration	Ventilation		Respiratory	Eye	Hands
		Type	ach (air changes per hour)			
Preparation of material for application	More than 4 hours	Outdoors	3 - 5	See chapter 8 of this Safety Data Sheet for specifications.	Use eye protection according to EN 166.	Wear suitable gloves tested to EN374.
Loading of application equipment and handling of coated parts before curing	More than 4 hours	Outdoors	3 - 5	See chapter 8 of this Safety Data Sheet for specifications.	Use eye protection according to EN 166.	Wear suitable gloves tested to EN374.
Professional application of coatings and inks by brush or roller	More than 4 hours	Outdoors	3 - 5	See chapter 8 of this Safety Data Sheet for specifications.	Use eye protection according to EN 166.	Wear suitable gloves tested to EN374.
Film formation - force drying, stoving and other technologies	More than 4 hours	Outdoors	3 - 5	See chapter 8 of this Safety Data Sheet for specifications.	None	None
Cleaning	More than 4 hours	Outdoors	3 - 5	See chapter 8 of this Safety Data Sheet for specifications.	Use eye protection according to EN 166.	Wear suitable gloves tested to EN374.
Waste management	More than 4 hours	Outdoors	3 - 5	See chapter 8 of this Safety Data Sheet for specifications.	Use eye protection according to EN 166.	Wear suitable gloves tested to EN374.

See chapter 8 of this Safety Data Sheet for specifications.



## Disclaimer

The information in this Safe Use of Mixture Information sheet is based on the data provided by the substance supplier for the substances in the product for which a chemical safety assessment has been carried out at the time of issue. It does not guarantee safe use of the product and does not replace any occupational risk assessment required by legislation. When developing workplace instructions for employees, SUMI sheets should always be considered in combination with the SDS and the label of the product.

No liability is accepted for any damage, no matter of what kind, which is direct or indirect consequence of acts and/or decisions (partly) based on the contents of this document.