# SAFETY DATA SHEET



Label No : 74662

DRYWOOD OPTIFINISH G70 - All variants

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

#### 1.1 Product identifier

Product name : DRYWOOD OPTIFINISH G70 - All variants

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

Product use : Paint.

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

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

e-mail address of person : Prod-safe@teknos.com

responsible for this SDS

**National contact** 

Teknos (UK) Limited, 7 Longlands Rd, Bicester, Oxfordshire OX26 5AH, United Kingdom. Tel. +44 (0) 1869 208005.

#### 1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : NHS: 111

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

<u>Classification according to UK CLP/GHS</u>

Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 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

Hazard pictograms





Signal word : Warning

**Hazard statements** : H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

**Precautionary statements** 

General: F103 - Read carefully and follow all instructions.

P102 - Keep out of reach of children.

**Prevention**: P280 - Wear protective gloves. Wear eye or face protection.

P273 - Avoid release to the environment.

Response : P391 - Collect spillage.

Storage : Not applicable.

Date of issue/Date of revision : 30/11/2023 Date of previous issue : 07/07/2022 Version : 1.01 1/21

#### **SECTION 2: Hazards identification**

#### **Disposal**

: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### Supplemental label elements

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains biocidal products for dry film and in-can preservation: DCOIT and IPBC and BIT and Bronopol and copper dihydroxide and C (M)IT/MIT (3:1) and MIT and OIT. Risk of skin sensitisation.

**Annex XVII - Restrictions** on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

: Not applicable.

#### 2.3 Other hazards

**Product meets the criteria** for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

: 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 : None known.

## **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification	Type
Manium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≥10 - ≤25	Carc. 2, H351 (inhalation)	[1] [*]
adipohydrazide	REACH #: 01-2119962900-36 EC: 213-999-5 CAS: 1071-93-8	≤0.3	Skin Sens. 1, H317	[1]
Dipropyleneglycolmethylether	REACH #: 01-2119450011-60 EC: 252-104-2 CAS: 34590-94-8	≤0.1	Not classified.	[2]
Ammonia	REACH #: 01-2119488876-14 EC: 215-647-6 CAS: 1336-21-6 Index: 007-001-01-2	<0.1	Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1)	[1] [2]
4,5-dichloro-2-octyl-2H-isothiazol- 3-one	EC: 264-843-8 CAS: 64359-81-5 Index: 613-335-00-8	<0.1	Acute Tox. 4, H302 Acute Tox. 2, H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071	[1]
2-ethylhexanoic acid, zirconium salt	REACH #: 01-2119979088-21 EC: 245-018-1 CAS: 22464-99-9	≤0.1	Repr. 2, H361d	[1] [2]
Cobalt, borate neodecanoate complexes	REACH #: 01-2119526957-25 EC: 270-601-2 CAS: 68457-13-6	<0.1	Acute Tox. 4, H302 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2,	[1] [2]

Date of issue/Date of revision : 30/11/2023 Date of previous issue : 07/07/2022

DRYWOOD OPTIFINISH G70 - All variants

Version : 1.01 2/21

Label No : 74662

<b>SECTION 3: Compositio</b>	n/information on ing	redients		
Xylene	REACH #: 01-2119488216-32 EC: 215-535-7	≤0.1	H411 Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332	[1] [2]
3-iodo-2-propynyl-butyl carbamate	CAS: 1330-20-7 Index: 601-022-00-9 EC: 259-627-5	<0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 (oral, inhalation) Asp. Tox. 1, H304 Acute Tox. 4, H302	[1]
	CAS: 55406-53-6 Index: 616-212-00-7		Acute Tox. 3, H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 (larynx) Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	
Ethylbenzene	REACH #: 01-2119489370-35 EC: 202-849-4 CAS: 100-41-4 Index: 601-023-00-4	≤0.1	Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs) (oral, inhalation) Asp. Tox. 1, H304	[1] [2]
2-Ethoxyethanol	EC: 203-804-1 CAS: 110-80-5 Index: 603-012-00-X	<0.1	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 3, H331 Repr. 1B, H360FD	[1] [2]
copper dihydroxide	EC: 243-815-9 CAS: 20427-59-2 Index: 029-021-00-3	<0.01	Acute Tox. 4, H302 Acute Tox. 2, H330 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	[1] [2]
2-Dimethylaminoethanol	REACH #: 01-2119492298-24 EC: 203-542-8 CAS: 108-01-0 Index: 603-047-00-0	<0.1	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 3, H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335	[1] [2]
Toluene	REACH #: 01-2119471310-51 EC: 203-625-9 CAS: 108-88-3 Index: 601-021-00-3	≤0.1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304	[1] [2]
2-aminoethanol	EC: 205-483-3 CAS: 141-43-5 Index: 603-030-00-8	≤0.1	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335	[1] [2]
			See Section 16 for the full text of the H statements declared above.	

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** 

Date of issue/Date of revision: 30/11/2023Date of previous issue: 07/07/2022Version: 1.013/21DRYWOOD OPTIFINISH G70 - All variantsLabel No : 7⁴4662

# **SECTION 3: Composition/information on ingredients**

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [\*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter ≤ 10 µm not bound within a matrix.

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

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact** 

: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

#### **Over-exposure signs/symptoms**

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

**Inhalation** : No specific data.

**Skin contact**: Adverse symptoms may include the following:

irritation redness

**Ingestion**: No specific data.

#### 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.

Date of issue/Date of revision: 30/11/2023Date of previous issue: 07/07/2022Version: 1.014/21

**Label No** : 74662

# SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

: Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing** 

: None known.

# media

#### 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. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous combustion** products

: Decomposition products may include the following materials: carbon dioxide carbon monoxide

#### 5.3 Advice for firefighters

**Special protective actions** 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.

#### SECTION 6: Accidental release measures

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

metal oxide/oxides

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".

#### 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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

#### 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

#### 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.

Date of issue/Date of revision : 30/11/2023 Date of previous issue : 07/07/2022 Version : 1.01 5/21 **Label No** : 74662

# **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). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. 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.

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 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. 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.

#### **Seveso Directive - Reporting thresholds**

#### **Danger criteria**

	Notification and MAPP threshold	Safety report threshold
E2	200 tonne	500 tonne

#### 7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific : Not available.

solutions

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### Occupational exposure limits

propyleneglycolmethylether EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed

through skin.

TWA: 308 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours.

Ammonia EH40/2005 WELs (United Kingdom (UK), 1/2020). [ammonia

anhydrous]

STEL: 25 mg/m³ 15 minutes. Form: anhydrous STEL: 35 ppm 15 minutes. Form: anhydrous TWA: 25 ppm 8 hours. Form: anhydrous TWA: 18 mg/m³ 8 hours. Form: anhydrous

2-ethylhexanoic acid, zirconium salt EH40/2005 WELs (United Kingdom (UK), 1/2020). [zirconium

compounds as Zr]

STEL: 10 mg/m³, (as Zr) 15 minutes. TWA: 5 mg/m³, (as Zr) 8 hours.

Cobalt, borate neodecanoate complexes EH40/2005 WELs (United Kingdom (UK), 1/2020). [cobalt and

cobalt compounds as Co] Inhalation sensitiser.

TWA: 0.1 mg/m³, (as Co) 8 hours.

Xylene EH40/2005 WELs (United Kingdom (UK), 1/2020). [xylene, o-,m-,

p- or mixed isomers] Absorbed through skin.

STEL: 441 mg/m³ 15 minutes. TWA: 50 ppm 8 hours.

TWA: 220 mg/m<sup>3</sup> 8 hours.

Date of issue/Date of revision : 30/11/2023 Date of previous issue : 07/07/2022 Version : 1.01 6/21

DRYWOOD OPTIFINISH G70 - All variants

**Label No** : **7**4662

STEL: 100 ppm 15 minutes.

EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed

through skin.

STEL: 552 mg/m<sup>3</sup> 15 minutes. STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours. TWA: 441 mg/m<sup>3</sup> 8 hours.

EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed 2-Ethoxyethanol

through skin.

TWA: 2 ppm 8 hours. TWA: 8 mg/m<sup>3</sup> 8 hours.

copper dihydroxide EH40/2005 WELs (United Kingdom (UK), 1/2020). [Copper and

compounds dust and mists, as Cu]

STEL: 2 mg/m³, (as Cu) 15 minutes. Form: Dusts and Mists TWA: 1 mg/m³, (as Cu) 8 hours. Form: Dusts and Mists

EH40/2005 WELs (United Kingdom (UK), 1/2020).

STEL: 22 mg/m<sup>3</sup> 15 minutes. STEL: 6 ppm 15 minutes. TWA: 2 ppm 8 hours. TWA: 7.4 ma/m<sup>3</sup> 8 hours.

EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed Toluene

through skin.

STEL: 384 mg/m<sup>3</sup> 15 minutes. TWA: 191 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes.

EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed 2-aminoethanol

through skin.

STEL: 7.6 mg/m<sup>3</sup> 15 minutes. STEL: 3 ppm 15 minutes. TWA: 1 ppm 8 hours. TWA: 2.5 mg/m<sup>3</sup> 8 hours.

#### **Biological exposure indices**

2-Dimethylaminoethanol

Product/ingredient name	Exposure indices
	EH40/2005 BMGVs (United Kingdom (UK), 8/2018) [Xylene, o-, m-, p- or mixed isomers]
	BGV: 650 mmol/mol creatinine, methyl hippuric acid [in urine]. Sampling time: post shift.

procedures

**Recommended monitoring**: Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Label No : 74662

#### **DNELs/DMELs**

Ethylbenzene

Product/ingredient name	Type	Exposure	Value	Population	Effects
<b>a</b> dipohydrazide	DNEL	Long term Inhalation	17.5 mg/m³	Workers	Systemic
Dipropyleneglycolmethylether	DNEL	Long term Oral	36 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	37.2 mg/m³	General population	Systemic
	DNEL	Long term Dermal	121 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	283 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	308 mg/m <sup>3</sup>	Workers	Systemic
2-ethylhexanoic acid, zirconium salt	DNEL	Long term Inhalation	2.5 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Oral	2.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	3.25 mg/ kg bw/day	General population	Systemic
	DNEL	Long term	5 mg/m³	Workers	Systemic

Date of issue/Date of revision : 30/11/2023 · 07/07/2022 Version : 1.01 7/21 Date of previous issue

•					
	DNEL	Inhalation Long term Dermal	6.49 mg/	Workers	Systemic
Cobalt, borate neodecanoate	DNEL	Long term Oral	kg bw/day 20 µg/kg	General	Systemic
complexes	DNEL	Long term	bw/day 26.7 μg/m³	population General	Local
	DNEL	Inhalation Long term	169.5 µg/	population Workers	Local
Xylene	DNEL	Inhalation Long term	m³ 65.3 mg/m³	General	Local
	DNEL	Inhalation Short term	260 mg/m <sup>3</sup>	population General	Local
	DNEL	Inhalation Short term	260 mg/m <sup>3</sup>	population General	Systemic
	DNEL	Inhalation Long term	221 mg/m³	population Workers	Local
	DNEL	Inhalation Long term Oral	12.5 mg/	General	Systemic
	DNEL	Long term	kg bw/day 65.3 mg/m³		Systemic
	DNEL	Inhalation Long term Dermal	125 mg/kg bw/day	population General population	Systemic
	DNEL	Long term Dermal	212 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	221 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	442 mg/m³	Workers	Local
	DNEL	Short term Inhalation	442 mg/m <sup>3</sup>	Workers	Systemic
3-iodo-2-propynyl-butyl carbamate	DNEL	Long term Inhalation	0.023 mg/ m³	Workers	Systemic
	DNEL	Short term Inhalation	0.07 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	1.16 mg/m³		Local
	DNEL	Long term Inhalation	1.16 mg/m³	Workers	Local
	DNEL	Long term Dermal	2 mg/kg bw/day	Workers	Systemic
Ethylbenzene	DNEL	Long term Oral	1.6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	15 mg/m³	General population	Systemic
	DNEL	Long term Inhalation	77 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	180 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	293 mg/m³	Workers	Local
	DMEL	Long term Inhalation	442 mg/m³	Workers	Local
0.54	DMEL	Short term Inhalation	884 mg/m³	Workers	Systemic
2-Ethoxyethanol	DNEL	Long term Inhalation	83 µg/m³	Workers	Systemic
	DNEL	Long term Dermal	0.3 mg/kg bw/day	Workers	Systemic
copper dihydroxide	DNEL	Long term Oral	0.041 mg/ kg bw/day	General population	Systemic
	DNEL	Short term Oral	0.082 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	1 mg/m³	Workers	Local
	DNEL	Long term	1 mg/m³	Workers	Systemic

Date of issue/Date of revision DRYWOOD OPTIFINISH G70 - All variants

: 30/11/2023 Date of previous issue

:07/07/2022

Version : 1.01 8/21

**Label No** : **7**4662

DNEL		<u> </u>	- · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	ı	<u> </u>
DNEL			Inhalation			
2-Dimethylaminoethanol		DNEL	Long term Dermal		Workers	Systemic
DNEL						
DNEL	2-Dimethylaminoethanol	DNEL	Long term Oral			Systemic
DNEL						
DNEL		DNEL	Long term Dermal		Workers	Systemic
DNEL Long term Inhalation DNEL Corp term On DNEL			-	kg bw/day		
Inhalation DNEL Short term Dermal Inhalation DNEL Long term Inhalation DNEL Long term Inhalation DNEL Short term Dermal Inhalation DNEL Long term Inhalation DNEL Long term S6.5 mg/m³ Workers Inhalation DNEL Long term Dermal Inhalation DNEL Short term Short term Short term Short term Short term Short term Inhalation DNEL Short term Short ter		DNEL	Long term		General	Systemic
DNEL   Short term Dermal   1.2 mg/kg   workers   bw/day   1.76 mg/m³   workers   Local   Local   workers   Local   Loc				mg/m³	population	-
DNEL   Long term   1.76 mg/m³   Workers   Local		DNEL				Systemic
DNEL Long term Inhalation DNEL Long term Inhalation DNEL Long term Inhalation DNEL Short term Inhalation DNEL Long term Inhalation DNEL Short term Inhalation DNEL Long term Dermal DNEL Long term DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL				bw/day		-
DNEL   Long term   1.76 mg/m³   Workers   Systemic		DNEL	Long term	1.76 mg/m <sup>3</sup>	Workers	Local
DNEL   Long term   1.76 mg/m³   Workers   Systemic						
Inhalation   Short term   Inhalation   Short term   Inhalation   DNEL   Short term   Inhalation   DNEL   Short term   Inhalation   DNEL   Short term   S.28 mg/m³   Workers   Local   Morkers   Local   Morkers   Systemic   Morkers   Local   Morkers   Systemic   Morkers   Local   Systemic   System		DNEL		1.76 mg/m <sup>3</sup>	Workers	Systemic
DNEL   Short term   Inhalation   DNEL   Short term   Inhalation   DNEL   Long term   Inhalation   DNEL   Short term   Inhalation   DNEL   Long term   Ung term   U				l		-
Inhalation		DNEL		5.28 mg/m <sup>3</sup>	Workers	Systemic
Toluene  DNEL Short term Inhalation DNEL Long term Oral Inhalation DNEL Long term Dremal Inhalation DNEL Long term Dremal Inhalation DNEL Short term Dermal Inhalation DNEL Short term Dremal Inhalation DNEL Long term Dremal DNEL Short term DNEL Long term Dremal DNEL Long term Dremal DNEL Long term Dremal DNEL Short term Inhalation DNEL Short term Inhalation DNEL Cong term Dremal DNEL Dremanion DNEL Short term Inhalation DNEL Cong term Dremal DNEL Dremanion DNEL Dremanion DNEL Dremanion DNEL Short term Inhalation DNEL Short term Inhalation DNEL Dremanion DN						-
Toluene   DNEL   Short term Dermal   DNEL   Long term   Dnemal		DNEL		13.53 mg/	Workers	Local
DNEL   DNEL   DNEL   Long term   Draw   DNEL   Long term   DNEL   Dne term   DNEL   DNEL   Dne term   DNEL   DNEL   Dne term   Dne term   DNEL   Dne term						
Toluene		DNEL			Workers	Local
DNEL Long term Inhalation DNEL Long term Inhalation DNEL Long term Inhalation DNEL Long term Inhalation DNEL Short term Inhalation DNEL Long term Inhalation DNEL Short term Inhalation DNEL Short term Inhalation DNEL Short term Inhalation DNEL Long term Inhalation DNEL Short term Inhalation DNEL Short term Inhalation DNEL Short term Inhalation DNEL Long term Dermal DNEL Short term Inhalation DNEL Short term Inhalation DNEL Short term Inhalation DNEL Long term Dermal DNEL Short term Inhalation DNEL Long term Dermal DNEL DNEL Long term Dermal DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL	Toluene					
DNEL Long term Inhalation DNEL Cong term Inhalation DNEL Cong term Inhalation DNEL Cong term Inhalation DNEL Cong term DNEL Co						
Inhalation   Long term   192 mg/m³   Workers   Local		DNEL	Long term			Local
DNEL Long term Inhalation DNEL Long term Inhalation DNEL Long term Inhalation DNEL Long term Inhalation DNEL Long term Dormal DNEL Short term Inhalation DNEL Long term Dermal Inhalation DNEL Short term Inhalation DNEL Long term Dermal Inhalation DNEL Long term Dermal Inhalation DNEL Short term Inhalation DNEL Cong term Inhalation DNEL Long term Oral Long term Oral Long term Oral Long term Oral Long term Dermal DNEL Long term Dermal Long term Dermal DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL			_	,		
Inhalation   Long term   Inhalation   DNEL   Long term   Inhalation   Long term   Inhalation   Long term   Inhalation   Long term   Inhalation   DNEL   Short term   Inhalation   DNEL   Short term   Inhalation   DNEL   Long term   Dermal   Short term   Inhalation   DNEL   Short term   Inhalation   DNEL   Long term   Dermal   Short term   Inhalation   DNEL   Short term   Short te		DNEL		56.5 ma/m³		Systemic
DNEL Long term Inhalation DNEL Long term Dermal Inhalation DNEL Short term Inhalation DNEL Long term Dermal Inhalation DNEL Short term Inhalation DNEL Long term Oral Long term Inhalation DNEL Long term Oral Long term Dopulation DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL						,
DNEL Long term   192 mg/m³   Workers   Systemic		DNEL		192 ma/m³		Local
DNEL long term Inhalation   DNEL Short term   DN				,g,		
Inhalation   Long term Dermal   DNEL   Short term   226 mg/m³   population   General   population   Workers   Systemic   Workers   Systemic   Morkers   Systemic   Short term   384 mg/m³   Workers   Systemic   Inhalation   DNEL   Long term   Dremal   DNEL		DNEL		192 ma/m³	Workers	Systemic
DNEL Dong term Dermal Dermal Doublet Done Doublet Done Done Done Done Done Done Done Done						,
DNEL Short term Inhalation DNEL Long term Dermal DNEL Short term Inhalation DNEL Long term Onal DNEL Long term Dermal DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL		DNEL		226 ma/ka	General	Systemic
DNEL Short term Inhalation DNEL Cong term Dermal DNEL Cong term Dnet DNEL Cong term Dnet DNEL Cong term Dnet Dnet Dnet Dnet Dnet Dnet Dnet Dnet						,
Inhalation   Short term   Inhalation   DNEL   Short term   Inhalation   DNEL   Short term   Inhalation   DNEL   Short term   Inhalation   DNEL   Short term   Inhalation   Inhalation   DNEL   Short term   Inhalation   Inhalation   Inhalation   DNEL   Cong term   Inhalation   Inhalation   DNEL   Cong term   Inhalation   DNEL   Cong term Dermal   I.5 mg/kg   bw/day   population   Systemic   Systemic   Systemic   DNEL   Cong term Dermal   I.5 mg/kg   Systemic		DNEL	Short term			Local
DNEL Short term Inhalation Long term Dermal DNEL Short term Inhalation DNEL Short term Inhalation DNEL Short term Inhalation DNEL Short term Inhalation DNEL Long term Oral DNEL Long term Inhalation DNEL Long term Oral DNEL Long term Dermal DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL						
Inhalation   DNEL   Long term Dermal   Short term   384 mg/kg   bw/day   Workers   Systemic		DNEL		226 ma/m³		Systemic
DNEL Short term   384 mg/kg   bw/day   384 mg/m³   Workers   Local    DNEL Short term   384 mg/m³   Workers   Local    DNEL Short term   384 mg/m³   Workers   Systemic    DNEL Long term   0.18 mg/m³   General   population    DNEL Long term   0.28 mg/m³   General   population    DNEL Long term   0.51 mg/m³   Workers   Local    DNEL Long term   1 mg/m³   Workers   Local    DNEL Long term   1 mg/m³   Workers   Systemic    DNEL Long term   1 mg/m³   Workers   Systemic    DNEL Long term   1 mg/m³   Workers   Systemic    DNEL Long term Oral   1.5 mg/kg   bw/day   population    DNEL Long term Dermal   DNEL   Long term Dermal   DNEL   Long term Dermal    DNEL Long term Dermal   DNEL   Long term Dermal   Systemic    DNEL Long term Dermal   Systemic    Systemic   Systemic   Systemic    DNEL Long term Dermal   Systemic    DNEL Long term Dermal   Systemic    Systemic   Systemic   Systemic    Systemic   Systemic   Systemic    DNEL Long term Dermal   Systemic    Systemic   Systemic   Systemic    Systemic   Systemic   Systemic    DNEL Long term Dermal   Systemic    DNEL Long term Dermal   Systemic    Systemic   Systemic   Systemic    DNEL Long term Dermal   Systemic    DNEL Long term Dermal   Systemic    Systemic   Systemic   Systemic    DNEL Short term   Syste						- , 5.5
DNEL Short term Inhalation Short term Inhalation Short term Inhalation Short term Inhalation Inhalation Inhalation Inhalation DNEL Long term Oral Long term Oral Long term Oral DNEL Long term Dermal Systemic Sy		DNEL		384 ma/ka		Systemic
DNEL Short term Inhalation DNEL Short term Inhalation DNEL Short term 384 mg/m³ Workers  Systemic  2-aminoethanol  DNEL Long term Inhalation DNEL Long term 0.18 mg/m³ General population DNEL Long term 0.28 mg/m³ General population DNEL Long term 0.51 mg/m³ Workers  DNEL Long term 0.51 mg/m³ Workers  DNEL Long term 1 mg/m³ Workers  DNEL Long term Oral  DNEL Long term Oral  DNEL Long term Dermal DNEL Systemic Systemic				0 0		- , 5.55
DNEL   Cong term   DNEL   Long term   Long te		DNFI	Short term		Workers	Local
2-aminoethanol  DNEL   Short term   Inhalation   DNEL   Long term		,		25g/!!!		
2-aminoethanol  DNEL Long term Inhalation DNEL Long term Unhalation DNEL Long term Dermal Unhalation DNEL Unhalat		DNFI		384 ma/m³	Workers	Systemic
2-aminoethanol  DNEL Long term Inhalation DNEL Long term Oral DNEL Long term Oral DNEL Long term Dermal		,		25g/!!!		- , 5.5.1110
Inhalation DNEL Long term Oral DNEL Long term Oral DNEL Long term Dermal	2-aminoethanol	DNFI		0.18 ma/m <sup>3</sup>	General	Systemic
DNEL Long term Inhalation  DNEL Long term Inhalation  DNEL Long term Inhalation  DNEL Long term Oral  DNEL Long term Oral  DNEL Long term Oral  DNEL Long term Dermal				3.13 mg/m		- , 5.5.1110
Inhalation DNEL Long term   0.51 mg/m³   Workers   Local  DNEL Long term   1 mg/m³   Workers   Systemic   Inhalation   DNEL Long term Oral   1.5 mg/kg   bw/day   population   DNEL Long term Dermal   1.5 mg/kg   General   population   DNEL Long term Dermal   1.5 mg/kg   General   Systemic   DNEL Long term Dermal   3 mg/kg   Workers   Systemic   DNEL Long term Dermal   3 mg/kg   Workers   Systemic		DNFI		0.28 ma/m <sup>3</sup>		Local
DNEL Long term Inhalation  DNEL Long term Inhalation  DNEL Long term Oral  DNEL Long term Oral  DNEL Long term Dermal			•	3.23 mg/m		
Inhalation Long term Inhalation DNEL Long term Oral  DNEL Long term Dermal		DNFI		0.51 mg/m <sup>3</sup>		Local
DNEL Long term Inhalation  DNEL Long term Oral 1.5 mg/kg General population  DNEL Long term Dermal 5.5 mg/kg General population  DNEL Long term Dermal 5.5 mg/kg General population  DNEL Long term Dermal 3 mg/kg Workers 5.5 Systemic  Systemic Systemic Systemic				5.57 mg/m		
Inhalation DNEL Long term Oral 1.5 mg/kg General Systemic bw/day population DNEL Long term Dermal 1.5 mg/kg General Systemic bw/day population DNEL Long term Dermal 3 mg/kg Workers Systemic		DNEI		1 mg/m³	Workers	Systemic
DNEL Long term Oral 1.5 mg/kg bw/day population  DNEL Long term Dermal 1.5 mg/kg population  DNEL Long term Dermal 3 mg/kg Workers Systemic  Systemic population  Systemic Systemic Systemic				9,		- , 5.5.1110
DNEL Long term Dermal bw/day population  Long term Dermal 1.5 mg/kg bw/day population  DNEL Long term Dermal 3 mg/kg Workers Systemic		DNEI		1.5 mg/kg	General	Systemic
DNEL Long term Dermal 1.5 mg/kg General Systemic bw/day population  DNEL Long term Dermal 3 mg/kg Workers Systemic		DINCE	Long tolli Olai			Cyclonic
DNEL Long term Dermal 3 mg/kg Workers Systemic		DNEI	Long term Dermal			Systemic
DNEL Long term Dermal 3 mg/kg Workers Systemic		DINCL	Long term Dermai			Cystoffile
		DNEI	Long term Dermal			Systemic
ı ı ı ı ı ı ı ı ı ı ı ı ı ı ı ı ı ı ı		PINEL	Long term Demial		**OINGIS	- Узгонно
	DNECe			DWIday		

#### **PNECs**

No PNECs available

#### 8.2 Exposure controls

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures** 

Date of issue/Date of revision: 30/11/2023Date of previous issue: 07/07/2022Version: 1.019/21DRYWOOD OPTIFINISH G70 - All variantsLabel No : ₹4662

#### **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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

# 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.

Recommendations: Wear suitable gloves tested to EN374.

> 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm Not recommended polyvinyl alcohol (PVA) gloves

**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** 

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Filter type (spray application):

**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.

**Label No** : 74662

# 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 : Slight **Odour threshold** 

: Not available. Melting point/freezing point : Not available.

Initial boiling point and

boiling range

Ingredient name	°C	°F	Method
water	100	212	
Ethyldiglycol	196	384.8	

Flammability (solid, gas) : Not available. Upper/lower flammability or : Lower: 1.2% Upper: 23.5% explosive limits

Version : 1.01 10/21 Date of issue/Date of revision : 30/11/2023 · 07/07/2022 Date of previous issue

# SECTION 9: Physical and chemical properties

: Closed cup: >100°C (>212°F) Flash point

**Auto-ignition temperature** 

°C **Ingredient name** °F **Method E**thyldiglycol 204 399.2

: Not available. **Decomposition temperature** : Not applicable. Not available. **Viscosity** 

Solubility(ies)

Not available.

Solubility in water : Not available. Partition coefficient: n-octanol/: Not applicable.

water

Vapour pressure

	Va	Vapour Pressure at 20°C		Vapour pressure at 50°C		
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
<mark>w</mark> ater	17.5	2.3				
Ethyldiglycol	0.14	0.019				

**Relative density** : Not available. **Density** : 1.2 g/cm<sup>3</sup> Vapour density : Not available. **Explosive properties** : Not available. **Oxidising properties** : Not available.

**Particle characteristics** 

Median particle size : Not applicable.

# SECTION 10: Stability and reactivity

: No specific test data related to reactivity available for this product or its ingredients. 10.1 Reactivity

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 : No specific data.

10.5 Incompatible materials : No specific data.

10.6 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **SECTION 11: Toxicological information**

11.1 Information on toxicological effects **Acute toxicity** 

Date of issue/Date of revision : 30/11/2023 Date of previous issue : 07/07/2022 Version : 1.01 11/21 Label No : 74662

Product/ingredient name	Result	Species	Dose	Exposure
<b>A</b> mmonia	LD50 Oral	Rat	350 mg/kg	-
4,5-dichloro-2-octyl-2H-	LC50 Inhalation Dusts and	Rat - Male,	0.26 mg/l	4 hours
isothiazol-3-one	mists	Female		
	LD50 Dermal	Rabbit	>652 mg/kg	-
	LD50 Oral	Rat	1585 mg/kg	-
2-ethylhexanoic acid, zirconium salt	LD50 Dermal	Rabbit	>5 g/kg	-
Zirodilidili Sait	LD50 Oral	Rat	>5 g/kg	_
Xylene	LC50 Inhalation Vapour	Rat	21.7 mg/l	4 hours
Aylerio	LD50 Oral	Rat	4300 mg/kg	-
3-iodo-2-propynyl-butyl	LC50 Inhalation Dusts and	Rat	0.67 g/m <sup>3</sup>	4 hours
carbamate	mists	Trac	0.07 9/111	4 110010
Carbaniato	LC50 Inhalation Dusts and	Rat	0.763 mg/l	4 hours
	mists			
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	400 mg/kg	-
Ethylbenzene	LC50 Inhalation Dusts and mists	Rat	29000 mg/l	4 hours
	LD50 Dermal	Rabbit	15400 ma/kg	
		Rat	15400 mg/kg	-
2. Eth avg cath are al	LD50 Oral		3500 mg/kg	-
2-Ethoxyethanol	LD50 Dermal	Rabbit	3.6 g/kg	-
	LD50 Dermal	Rat	3900 mg/kg	-
	LD50 Oral	Rat	2125 mg/kg	4 1
copper dihydroxide	LC50 Inhalation Dusts and	Rat - Male,	0.451 mg/l	4 hours
	mists	Female	. 0000	
	LD50 Dermal	Rat - Male, Female	>2000 mg/kg	-
	LD50 Oral	Rat - Female	657 mg/kg	_
2-Dimethylaminoethanol	LC50 Inhalation Gas.	Rat	1641 ppm	4 hours
	LD50 Oral	Rat	2 g/kg	-
Toluene	LC50 Inhalation Vapour	Rat	49 g/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	636 mg/kg	_
2-aminoethanol	LD50 Oral	Rat	1720 mg/kg	-

# **Conclusion/Summary**

: Based on available data, the classification criteria are not met.

## **Acute toxicity estimates**

Route	ATE value
Not available.	

### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Manium dioxide	Skin - Mild irritant	Human	-	72 hours 300 ug I	-
Dipropyleneglycolmethylether	Eyes - Mild irritant	Human	-	8 mg	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
Ammonia	Eyes - Severe irritant	Rabbit	-	0.5 minutes 1 mg	-
	Eyes - Severe irritant	Rabbit	-	250 ug	-
Xylene	Eyes - Mild irritant	Rabbit	-	87 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5 mg	-
	Skin - Mild irritant	Rat	-	8 hours 60 uL	-
	Skin - Moderate irritant	Rabbit	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
3-iodo-2-propynyl-butyl carbamate	Eyes - Severe irritant	Rabbit	-	-	-
Ethylbenzene	Eyes - Severe irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 15 mg	-

: 07/07/2022 Date of issue/Date of revision : 30/11/2023 Version : 1.01 12/21 Date of previous issue **Label No** : **7**4662

2-Ethoxyethanol	Eyes - Mild irritant	Guinea pig	-	10 ug	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Eyes - Moderate irritant	Rabbit	-	50 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
2-Dimethylaminoethanol	Eyes - Severe irritant	Rabbit	-	5 uL	-
	Skin - Mild irritant	Rabbit	-	445 mg	-
Toluene	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
				100 mg	
	Eyes - Mild irritant	Rabbit	-	870 ug	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2	-
				mg	
	Skin - Mild irritant	Pig	-	24 hours 250	-
				uL	
	Skin - Mild irritant	Rabbit	-	435 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
	Skin - Moderate irritant	Rabbit	-	500 mg	-
2-aminoethanol	Eyes - Severe irritant	Rabbit	-	250 ug	-
	Skin - Moderate irritant	Rabbit	-	505 mg	-

**Conclusion/Summary** 

: Causes skin irritation.

#### **Sensitisation**

Product/ingredient name	Route of exposure	Species	Result
3-iodo-2-propynyl-butyl carbamate	skin	Guinea pig	Not sensitizing

#### **Conclusion/Summary**

: May cause an allergic skin reaction.

#### **Mutagenicity**

Product/ingredient name	Test	Experiment	Result
3-iodo-2-propynyl-butyl carbamate	-	Experiment: In vitro Subject: Bacteria	Negative

#### **Conclusion/Summary**

: Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

It has been observed that the carcinogenic hazard of this product arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.

#### **Conclusion/Summary**

: Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Product/ingredient name	Maternal toxicity	Fertility	Developmental toxin	Species	Dose	Exposure
3-iodo-2-propynyl-butyl carbamate	Negative	-	Negative		Oral: 20 mg/kg	13 days; 7 days per week
	Positive	-	Negative			13 days; 7 days per week

#### **Conclusion/Summary**

: Based on available data, the classification criteria are not met.

#### **Teratogenicity**

Product/ingredient name	Result	Species	Dose	Exposure
3-iodo-2-propynyl-butyl carbamate	Negative - Oral	Rabbit - Female	50 mg/kg	-

**Conclusion/Summary** 

: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Date of issue/Date of revision : 30/11/2023 Date of previous issue : 07/07/2022 Version : 1.01 13/21 **Label No** : **7**4662

Product/ingredient name	Category	Route of exposure	Target organs
Ammonia	Category 3	-	Respiratory tract irritation
Xylene	Category 3	-	Respiratory tract irritation
2-Dimethylaminoethanol	Category 3	-	Respiratory tract irritation
Toluene	Category 3	-	Narcotic effects
2-aminoethanol	Category 3	-	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
1	Category 1 Category 2	- oral, inhalation	-
1 7	Category 1	-	larynx
	Category 2 Category 2	oral, inhalation -	hearing organs -

#### **Aspiration hazard**

Product/ingredient name	Result
Xylene Ethylbenzene	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1
Toluene	ASPIRATION HAZARD - Category 1

**Information on likely routes**: Not available.

of exposure

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.

: No known significant effects or critical hazards. Inhalation

: Causes skin irritation. May cause an allergic skin reaction. **Skin contact** 

Ingestion : No known significant effects or critical hazards.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:

> pain or irritation watering redness

Inhalation : No specific data.

**Skin contact** : Adverse symptoms may include the following:

irritation redness

Ingestion : No specific data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Short term exposure** 

**Potential immediate** : Not available.

effects

Potential delayed effects : Not available.

Long term exposure

**Potential immediate** : Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Date of issue/Date of revision : 30/11/2023 Date of previous issue : 07/07/2022 Version : 1.01 14/21 Label No : 74662

Not available.

**Conclusion/Summary** : Not available.

**General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed

to very low levels.

**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.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Manium dioxide	Acute LC50 3 mg/l Fresh water	Crustaceans - Water flea - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia</i> pulex - Neonate	48 hours
	Acute LC50 >1000000 μg/l Marine water	Fish - Mummichog - Fundulus heteroclitus	96 hours
Ammonia	Acute LC50 37 ppm Fresh water	Fish - Western mosquitofish - Gambusia affinis - Adult	96 hours
4,5-dichloro-2-octyl-2H-isothiazol-3-one	Acute EC50 0.003 mg/l Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata	72 hours
lesamazer o erre	Acute EC50 18 ppb Marine water	Algae - Diatom - Skeletonema costatum	96 hours
	Acute EC50 0.001 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia</i> magna	48 hours
	Acute LC50 22 μg/l Fresh water	Crustaceans - Scud - Gammarus pulex	48 hours
	Acute LC50 2.7 ppb Fresh water	Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i>	96 hours
	Chronic NOEC 19.789 µg/l Marine water	Algae - Diatom - Nitzschia pungens	96 hours
	Chronic NOEC 0.56 ppb	Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i>	97 days
3-iodo-2-propynyl-butyl carbamate	Acute EC50 0.022 mg/l Fresh water	Algae - Algae - Scenedemus subspicatus	72 hours
	Acute EC50 0.16 mg/l Fresh water	Daphnia - Daphnia - <i>Daphnia</i> magna	48 hours
	Acute LC50 0.067 mg/l Fresh water	Fish - Trout - Oncorhynchus mykiss	96 hours
	Acute NOEC 0.049 mg/l Fresh water	Fish - Trout - Oncorhynchus mykiss	96 hours
	Chronic NOEC 0.05 mg/l Fresh water	Daphnia - Daphnia - <i>Daphnia Magna</i>	21 days
2-Ethoxyethanol	Acute LC50 >10000000 µg/l Fresh water	Fish - Bluegill - Lepomis macrochirus	96 hours
copper dihydroxide	Acute LC50 0.064 ppm Fresh water	Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i>	96 hours
Toluene	Acute EC50 12500 μg/l Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 11600 μg/l Fresh water	Crustaceans - Scud - Gammarus pseudolimnaeus - Adult	48 hours
	Acute EC50 5.56 mg/l Fresh water	Daphnia - Water flea - <i>Daphnia magna</i> - Neonate	48 hours
	Acute LC50 5500 μg/l Fresh water	Fish - Coho salmon,silver salmon - <i>Oncorhynchus kisutch</i> - Fry	96 hours
	Chronic NOEC 1000 µg/l Fresh water	Daphnia - Water flea - <i>Daphnia</i> magna	21 days

:07/07/2022 Version : 1.01 15/21 Date of issue/Date of revision : 30/11/2023 Date of previous issue **Label No** : **7**4662

# SECTION 12: Ecological information 2-aminoethanol Acute EC50 8.42 mg/l Fresh water Acute LC50 >100000 μg/l Marine water Acute LC50 >170 mg/l Fresh water Acute LC50 170 mg/l Fresh water

**Conclusion/Summary** 

: Toxic to aquatic life with long lasting effects.

#### 12.2 Persistence and degradability

**Conclusion/Summary**: This product has not been tested for biodegradation.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
3-iodo-2-propynyl-butyl carbamate	-	-	Not readily

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
<b>D</b> ipropyleneglycolmethylether	0.004	-	Low
2-ethylhexanoic acid,	-	2.96	Low
zirconium salt			
Cobalt, borate	-	15600	High
neodecanoate complexes			
Xylene	3.12	8.1 to 25.9	Low
3-iodo-2-propynyl-butyl	>1	-	Low
carbamate			
Ethylbenzene	3.6	-	Low
2-Ethoxyethanol	-0.32	-	Low
2-Dimethylaminoethanol	-0.55	-	Low
Toluene	2.73	90	Low
2-aminoethanol	-1.31	-	Low

#### **12.4 Mobility in soil**

Soil/water partition coefficient (Koc)

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

# **SECTION 13: Disposal considerations**

#### 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.

**European waste** catalogue (EWC)

: 080112

**Packaging** 

Date of issue/Date of revision: 30/11/2023Date of previous issue: 07/07/2022Version: 1.0116/21DRYWOOD OPTIFINISH G70 - All variantsLabel No: 74662

# **SECTION 13: Disposal considerations**

**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.

**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.

# **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	UN3082	UN3082	UN3082	UN3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)
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**

**ADR/RID** 

: 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.

#### Tunnel code (-)

**ADN** 

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.

**IMDG** 

: 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.

**IATA** 

: 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.

user

14.6 Special precautions for : 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 IMO instruments

: Not relevant/applicable due to nature of the product.

Date of issue/Date of revision . 30/11/2023 · 07/07/2022 Version : 1.01 17/21 Date of previous issue **Label No** : 74662

# **SECTION 15: Regulatory information**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture UK (GB)/REACH

#### Annex XIV - List of substances subject to authorisation

#### **Annex XIV**

None of the components are listed.

#### Substances of very high concern

Intrinsic property	Ingredient name	Status	Reference number	Date of revision
Toxic to reproduction	2-ethoxyethanol	Candidate	-	12/15/2010

#### Ozone depleting substances

Not listed.

#### **Prior Informed Consent (PIC)**

Not listed.

#### **Persistent Organic Pollutants**

Not listed.

# Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No listed substance

#### **Seveso Directive**

This product is controlled under the Seveso Directive.

#### **Danger criteria**

Category	
E2	

#### **National regulations**

Product/ingredient name	List name	Name on list	Classification	Notes
,-	UK Occupational Exposure Limits EH40 - WEL	cobalt and cobalt compounds as Co	Carc.	-

#### **EU regulations**

Industrial emissions : Not listed

(integrated pollution prevention and control) -

prevention and control) -

Air

Industrial emissions : Not listed

(integrated pollution prevention and control) -

Water

#### **International regulations**

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### **Montreal Protocol**

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**

Date of issue/Date of revision: 30/11/2023Date of previous issue: 07/07/2022Version: 1.0118/21DRYWOOD OPTIFINISH G70 - All variantsLabel No : 74662

## **SECTION 15: Regulatory information**

Not listed.

15.2 Chemical safety assessment

: This product contains substances for which Chemical Safety Assessments are still required.

#### **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

**Abbreviations and** acronyms

: ATE = Acute Toxicity Estimate

GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and

Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019

No. 720 and amendments

DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level

EUH statement = GB CLP-specific Hazard statement

N/A = Not available

PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

SGG = Segregation Group

vPvB = Very Persistent and Very Bioaccumulative

#### Procedure used to derive the classification

Classification	Justification	
Skin Irrit. 2, H315	Calculation method	
Eye Irrit. 2, H319	Calculation method	
Skin Sens. 1, H317	Calculation method	
Aquatic Chronic 2, H411	Calculation method	

#### Full text of abbreviated H statements

ghly flammable liquid and vapour.
ammable liquid and vapour.
ırmful if swallowed.
ay be fatal if swallowed and enters airways.
ırmful in contact with skin.
luses severe skin burns and eye damage.
uses skin irritation.
ay cause an allergic skin reaction.
luses serious eye damage.
uses serious eye irritation.
tal if inhaled.
xic if inhaled.
ırmful if inhaled.
ay cause respiratory irritation.
ay cause drowsiness or dizziness.
spected of causing cancer.
ay damage fertility. May damage the unborn child.
spected of damaging the unborn child.
luses damage to organs through prolonged or repeated exposure.
ay cause damage to organs through prolonged or repeated exposure.
ry toxic to aquatic life.
ry toxic to aquatic life with long lasting effects.
xic to aquatic life with long lasting effects.
prrosive to the respiratory tract.
airray irray

#### **Full text of classifications**

Date of issue/Date of revision : 30/11/2023 :07/07/2022 Version : 1.01 19/21 Date of previous issue Label No : 74662

#### SECTION 16: Other information

Acute Tox. 2 **ACUTE TOXICITY - Category 2** 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 Aquatic Chronic 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 Asp. Tox. 1 ASPIRATION HAZARD - Category 1 **CARCINOGENICITY - Category 2** Carc. 2 Eye Dam. 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 Eye Irrit. 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 Flam. Liq. 2 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3 FLAMMABLE LIQUIDS - Category 3 Repr. 1B REPRODUCTIVE TOXICITY - Category 1B Repr. 2 REPRODUCTIVE TOXICITY - Category 2 Skin Corr. 1 SKIN CORROSION/IRRITATION - Category 1 Skin Corr. 1B SKIN CORROSION/IRRITATION - Category 1B Skin Irrit. 2 SKIN CORROSION/IRRITATION - Category 2 Skin Sens. 1 SKIN SENSITISATION - Category 1 Skin Sens. 1A SKIN SENSITISATION - Category 1A STOT RE 1 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1

Date of issue/ Date of : 30/11/2023

revision

STOT RE 2

STOT SE 3

Date of previous issue : 07/07/2022

Version : 1.01

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

#### Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

Date of issue/Date of revision . 30/11/2023 · 07/07/2022 Version : 1.01 20/21 Date of previous issue Label No : 74662

Version : 1.01 21/21 Date of issue/Date of revision : 30/11/2023 Date of previous issue : 07/07/2022 **Label No** :**7**4662