



# Rustins Quick Dry Blackboard Paint

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2015/830  
Issue date: 2/20/2015 Revision date: 6/21/2022 Supersedes version of: 6/21/2022 Version: 10.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Rustins Quick Dry Blackboard Paint  
UFI : AHS1-7CFG-GC00-U0MT  
Product code : BLAB  
Type of product : Paint  
Synonyms : BLACK BOARD BLACK  
Product group : End product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use

##### 1.2.2. Uses advised against

Restrictions on use : Coatings and paints, thinners, paint removers

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

##### Manufacturer

Rustins Ltd  
Waterloo road  
NW2 7TX London  
United Kingdom  
T +44 (0)208 450 4666 - F +44 (0)208 452 2008  
[rustins@rustins.co.uk](mailto:rustins@rustins.co.uk) - [rustins.ltd](http://rustins.ltd)

##### Distributor

Excellence Ltd  
43 Grange Parade,  
Unit 43 Baldoyle Industrial Estate,  
D13 Y860 Dublin  
Ireland  
T 00353 (0)1 8323300 - F 00353 (0)1 8323584  
[Orders@excellence.ie](mailto:Orders@excellence.ie) - [www.excellence.ie](http://www.excellence.ie)

#### 1.4. Emergency telephone number

Emergency number : +44 (0)208 450 4666  
OFFICE HOURS ONLY MON. - FRI. 08:00 - 16:30

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

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### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H319 - Causes serious eye irritation.

Precautionary statements (CLP) :

P102 - Keep out of reach of children.

P264 - Wash hands, forearms and face thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

EUH-statements

: EUH208 - Contains 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE(55965-84-9). May produce an allergic reaction.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE	CAS-No.: 55965-84-9 EC Index-No.: 613-167-00-5	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE	CAS-No.: 55965-84-9 EC Index-No.: 613-167-00-5	( 0.0015 ≤C ≤ 100) Skin Sens. 1A, H317 ( 0.06 ≤C < 0.6) Skin Irrit. 2, H315 ( 0.06 ≤C < 0.6) Eye Irrit. 2, H319 ( 0.6 ≤C ≤ 100) Skin Corr. 1C, H314 ( 0.6 ≤C ≤ 100) Eye Dam. 1, H318

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general

: If you feel unwell, seek medical advice (show the label where possible).

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First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

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### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Rustins Quick Dry Blackboard Paint	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	2-(2-Butoxyethoxy)ethanol
IOEL TWA [ppm]	10 ppm
IOEL STEL	101.2 mg/m <sup>3</sup>
IOEL STEL [ppm]	15 ppm
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
<b>Austria - Occupational Exposure Limits</b>	
Local name	Butyldiglykol (Butoxydiethylenglykol; 2-(2-Butoxyethoxy)-ethanol; Diethylenglykolmonobutylether)
MAK (OEL TWA)	67.5 mg/m <sup>3</sup>
MAK (OEL TWA) [ppm]	10 ppm
MAK (OEL STEL)	101.2 mg/m <sup>3</sup> (4x 15(Miw) min)
MAK (OEL STEL) [ppm]	15 ppm (4x 15(Miw) min)
Regulatory reference	BGBI. II Nr. 156/2021
<b>Belgium - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxyéthoxy)éthanol # 2-(2-Butoxyethoxy)ethanol
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
<b>Bulgaria - Occupational Exposure Limits</b>	
Local name	2-(2-Бутокси-етокси) етанол
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Remark	• (Химични агенти, за които са определени гранични стойности във въздуха на работната среда за Европейската общност)
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр. 47 от 2021 г., в сила от 04.06.2021 г.)
<b>Croatia - Occupational Exposure Limits</b>	
Local name	2-(2-Butoksietoksi)etanol; dietilen-glikol monobutil-eter

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GVI (OEL TWA) [1]	67.5 mg/m <sup>3</sup>
GVI (OEL TWA) [2]	10 ppm
KGVI (OEL STEL)	101.2 mg/m <sup>3</sup>
KGVI (OEL STEL) [ppm]	15 ppm
Remark	Direktiva: 2006/15/EZ
Regulatory reference	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)
Cyprus - Occupational Exposure Limits	
Local name	2-(2-Bουτοξυαιθοξυ)αιθανόλη
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	Κανονισμοί του 2007 (Κ.Δ.Π. 295/2007)
Czech Republic - Occupational Exposure Limits	
Local name	2-(2-Buthoxyethoxy)ethanol (Butyldiglykol)
PEL (OEL TWA)	70 mg/m <sup>3</sup>
PEL (OEL TWA) [ppm]	10 ppm
NPK-P (OEL C)	100 mg/m <sup>3</sup>
NPK-P (OEL C) [ppm]	15 ppm
Remark	I - dráždí sliznice (oči, dýchací cesty), respektive kůži.
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)
Denmark - Occupational Exposure Limits	
Local name	Butyldiglycol
OEL TWA [1]	68 mg/m <sup>3</sup>
OEL TWA [2]	10 ppm
Remark	E (betyder, at stoffet har en EF-grænseværdi)
Regulatory reference	BEK nr 2203 af 29. november 2021
Finland - Occupational Exposure Limits	
Local name	2-(2-Butoksietoksi)etanol
HTP (OEL TWA) [1]	68 mg/m <sup>3</sup>
HTP (OEL TWA) [2]	10 ppm
Regulatory reference	HTP-ARVOT 2020 (Sosiaali- ja terveysministeriö)
France - Occupational Exposure Limits	
Local name	2-(2-Butoxyethoxy)éthanol
VME (OEL TWA)	67.5 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	10 ppm
VLE (OEL C/STEL)	101.2 mg/m <sup>3</sup>
VLE (OEL C/STEL) [ppm]	15 ppm

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Rustins Quick Dry Blackboard Paint	
Remark	Valeurs réglementaires indicatives
Regulatory reference	Arrêté du 30 juin 2004 modifié (réf.: INRS ED 984, 2016)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	67 mg/m <sup>3</sup>
AGW (OEL TWA) [2]	10 ppm
Peak exposure limitation factor	1,5(l)
Remark	EU - Europäische Union (Von der EU wurde ein Luftgrenzwert festgelegt: Abweichungen bei Wert und Spitzenbegrenzung sind möglich); DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden; 11 - Summe aus Dampf und Aerosolen
Regulatory reference	TRGS900
<b>Gibraltar - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxyethoxy)ethanol
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	Factories (Control of Chemical Agents at Work) Regulations 2003 (LN. 2018/181)
<b>Greece - Occupational Exposure Limits</b>	
Local name	2-(2-βουτοξυαιθοξυ) αιθανόλη
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	Π.Δ. 162/2007 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
<b>Hungary - Occupational Exposure Limits</b>	
Local name	2-(2-BUTOXIETOXI)ETANOL
AK (OEL TWA)	67.5 mg/m <sup>3</sup>
CK (OEL STEL)	101.2 mg/m <sup>3</sup>
Remark	EU2 (2006/15/EK irányelvben közölt érték); T (Azok az anyagok, amelyek egészségkárosító hatása TARTÓS expozíciót követően jelentkezik)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
<b>Ireland - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxyethoxy)ethanol
OEL TWA [1]	67.5 mg/m <sup>3</sup>
OEL TWA [2]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm

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Remark	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2021
<b>Italy - Occupational Exposure Limits</b>	
Local name	2-(2-Butossietossi)etanolo
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	Allegato XXXVIII del D.Lgs. 9 aprile 2008, n. 81 e s.m.i.
<b>Latvia - Occupational Exposure Limits</b>	
Local name	2-(2-Butoksietoksi) etanols (butildiglikols)
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2011. gada 1. februārī noteikumiem Nr. 92)
<b>Lithuania - Occupational Exposure Limits</b>	
Local name	2-(2-butoksietoksi)etanolis (dietilenglikolio monobutileteris, oksidietanolio monobutileteris)
IPRV (OEL TWA)	67.5 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	10 ppm
TPRV (OEL STEL)	101.2 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	15 ppm
Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)
<b>Luxembourg - Occupational Exposure Limits</b>	
Local name	2-(2-butoxyéthoxy)éthanol
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	Mémorial A N° 226 de 2021 concernant la protection de la sécurité et de la santé des salariés contre les risques liés à des agents chimiques sur le lieu de travail
<b>Malta - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxyethoxy)ethanol
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	S.L.424.24 - Chemical Agents at Work Regulations (L.N.356 of 2021)

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Rustins Quick Dry Blackboard Paint	
<b>Netherlands - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxyethoxy)ethanol
TGG-8u (OEL TWA)	50 mg/m <sup>3</sup>
TGG-15min (OEL STEL)	100 mg/m <sup>3</sup>
Remark	H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen.
Regulatory reference	Arbeidsomstandighedenregeling 2022
<b>Poland - Occupational Exposure Limits</b>	
Local name	2-(2-Butoksyetoksi)etanol
NDS (OEL TWA)	67 mg/m <sup>3</sup>
NDSch (OEL STEL)	100 mg/m <sup>3</sup>
Regulatory reference	Dz. U. 2018 poz. 1286
<b>Portugal - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxietoxi) etanol (éter dietilenoglicol monobutílico)
OEL TWA [ppm]	10 ppm FIV (Fração inalável e vapor)
Regulatory reference	Norma Portuguesa NP 1796:2014
<b>Romania - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxietoxi)-etanol/Dowanol DB
OEL TWA	67.5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>
OEL STEL	101.2 mg/m <sup>3</sup> 15 mg/m <sup>3</sup>
Regulatory reference	Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 53/2021)
<b>Serbia - Occupational Exposure Limits</b>	
Local name	2-(2-бutoксиетокси)етанол; диетилен-гликол монобутил-етар
OEL TWA	68 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Remark	ЕУ** – напомена да се ради о хемијским материјама за које су утврђене индикативне граничне вредности изложености према Директиви 2006/15/ЕЗ (друга листа)
Regulatory reference	ПРАВИЛНИК о превентивним мерама за безбедан и здрав рад при излагању хемијским материјама („Службени гласник РС”, бр. 106/09, 117/17 и 107/21)
<b>Slovakia - Occupational Exposure Limits</b>	
Local name	Butyldiglykol 2-(2-butoxyetoxy)etanol
NPHV (OEL TWA) [1]	67.5 mg/m <sup>3</sup>
NPHV (OEL TWA) [2]	10 ppm
NPHV (OEL STEL)	101.2 mg/m <sup>3</sup>
NPHV (OEL STEL) [ppm]	15 ppm



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Rustins Quick Dry Blackboard Paint	
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (236/2020 Z. z.)
<b>Slovenia - Occupational Exposure Limits</b>	
Local name	2-(2-butoksietoksi)etanol (butildietilenglikol)
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Remark	Y (Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in bat vrednosti), EU
Regulatory reference	Uradni list RS, št. 72/2021 z dne 11.5.2021
<b>Spain - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxietoxi) etanol (Dietilenglicol monobutiléter)
VLA-ED (OEL TWA) [1]	67.5 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	10 ppm
VLA-EC (OEL STEL)	101.2 mg/m <sup>3</sup>
VLA-EC (OEL STEL) [ppm]	15 ppm
Remark	VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo), r (Esta sustancia tiene establecidas restricciones a la fabricación, la comercialización o el uso en los términos especificados en el "Reglamento (CE) nº 1907/2006 sobre Registro, Evaluación, Autorización y Restricción de sustancias y preparados químicos" (REACH) de 18 de diciembre de 2006 (DOUE L 369 de 30 de diciembre de 2006). Las restricciones de una sustancia pueden aplicarse a todos los usos o sólo a usos concretos. El anexo XVII del Reglamento REACH contiene la lista de todas las sustancias restringidas y especifica los usos que se han restringido).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT
<b>Sweden - Occupational Exposure Limits</b>	
Local name	Dietylenglykolmonobutyleter
NGV (OEL TWA)	68 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	10 ppm
KTV (OEL STEL)	101 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	15 ppm
Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	2-(2-Butoxyethoxy)ethanol
WEL TWA (OEL TWA) [1]	67.5 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	10 ppm
WEL STEL (OEL STEL)	101.2 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	15 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Iceland - Occupational Exposure Limits</b>	
Local name	2-(2-bútoxýetoxý)etanól (bútýldíglýkól)
OEL TWA	67.5 mg/m <sup>3</sup>

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OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)
Norway - Occupational Exposure Limits	
Local name	2-(butoksyetoksi)etanol
Grenseverdi (OEL TWA) [1]	68 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	10 ppm
Remark	E: EU har en veiledende grenseverdi og/eller anmerkning for stoffet.
Regulatory reference	FOR-2021-06-28-2248
North Macedonia - Occupational Exposure Limits	
Local name	2-(2-бутоксиетокси) етанол (бутилдиетиленгликол)
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
KTV	1.5
Short time value [mg/m <sup>3</sup> ]	101.25 mg/m <sup>3</sup>
Short time value [ppm]	15 ppm
Remark	(*) дополнување на граничната вредност заради донесената Директива на Комисијата 2006/15ES од 7 февруари 2006 за создавање на втора листа на индикативни гранични вредности за професионална изложеност според директивата 98/24/ЕС и за измените на директивата 91/322/ЕЕС и директивата 2000/39/ ЕС (Сл. весник бр. 38 од ден 9.2.2006, стр. 36); (KTV) краткотрајна вредност (КТВ) значи концентрација на опасни хемиски супстанции во воздухот на работното место внатре во зона на дишење, на која работникот без опасност по здравјето може да е изложен на покусо време. Изложеноста на краткотрајни вредности може да трае највеќе 15 минути и не смее да се повтори повеќе од четирипати во работната смена, при што меѓу две изложености на оваа концентрација мора да измине најмалку 60 минути. Краткотрајната вредност е изразена во mg/m <sup>3</sup> или во ml/m <sup>3</sup> (ppm) а е дадена како многукратни дозволени пречекорувања на граничната вредност; (EU) European Union – гранична вредност, определена на ниво на Европската унија
Regulatory reference	Правилник за минималните барања за безбедност и здравје при работа на вработени од ризици поврзани со изложување на хемиски супстанции („Службен весник на Република Македонија“ бр.46/10)
Switzerland - Occupational Exposure Limits	
Local name	Butyldiglycol / Butyldiglykol [Diethylenglykolmonobutylether]
MAK (OEL TWA) [1]	67 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	10 ppm
KZGW (OEL STEL)	101 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	15 ppm
Critical toxicity	Rein, Sang, Foie / Niere, Blut, Leber
Notation	SS <sub>c</sub> / SS <sub>c</sub>
Regulatory reference	www.suva.ch, 01.01.2021

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Rustins Quick Dry Blackboard Paint	
Turkey - Occupational Exposure Limits	
Local name	2-(2-Bütoksietoksi)etanol
OEL TWA	67.5 mg/m <sup>3</sup>
OEL TWA [ppm]	10 ppm
OEL STEL	101.2 mg/m <sup>3</sup>
OEL STEL [ppm]	15 ppm
Regulatory reference	12 Ağustos 2013 Tarihli ve 28733 Sayılı Resmî Gazete

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Black.
Odour	: Low.
Odour threshold	: No data available
pH	: 7 – 8
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available.
Freezing point	: No data available
Boiling point	: $\geq 100$ °C
Flash point	: $> 60$ °C
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available.
Relative density	: 1.16 @ 20 C
Solubility	: Material highly soluble in water. Water: Soluble Ethanol: Insoluble Ether: Insoluble Acetone: Insoluble Organic solvent: Insoluble
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

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

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: 7 – 8
Serious eye damage/irritation	: Causes serious eye irritation. pH: 7 – 8
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified
Not rapidly degradable	

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

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ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### 15.1.2. National regulations

##### Germany

Employment restrictions

: Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

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Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

### Netherlands

ABM category : A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### Switzerland

Storage class (LK) : LK 10/12 - Liquids

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit

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Abbreviations and acronyms:	
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
EUH208	Contains 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE(55965-84-9). May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.