SAFETY DATA SHEET



This safety data sheet was created pursuant to the requirements of: Safety data sheet according to Regulation (EC) 2020/878

Revision date 11/12/2023 Revision Number 1.73

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

1.1. Product identifier

Product Name Anti-Bac+ Sanitising Hand Rub

Product Code(s) ABHHR500_6, ABHHR500F, ABHHR500F_6, ZA

Safety data sheet number 03088

Unique Formula Identifier (UFI) 93J8-903C-P002-RS45

Pure substance/mixture Mixture

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

Recommended use Cleaning agent

Uses advised against No specific uses advised against are identified

1.3. Details of the supplier of the safety data sheet

<u>Manufacturer</u> <u>Supplier</u>

AF INTERNATIONAL
MacDermid Alpha Electronics Solutions
ASHBY PARK

COALFIELD WAY ASHBY de la ZOUCH

LEICESTERSHIRE. LE65 1JR

UNITED KINGDOM

HK WENTWORTH LIMITED 32 RUE DE TOURNENFILS

91540 MENNECY

FRANCE

+33 (0) 1 82 88 47 94

info@af-net.com

+44 (0) 1530 419600 +44 (0) 1530 416640

info@af-net.com

For further information, please contact

E-mail address info@af-net.com

1.4. Emergency telephone number

Emergency Telephone POISON INFORMATION CENTRE (Beaumont Hospital, Republic of Ireland only) +353 (0)1

809 2166 (08:00 - 22:00)

Emergency Telephone - IN CASE OF EMERGENCY CALL: +44 1865 407333 (24hr, Provided by Carechem 24)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to

Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids Category 3 - (H226)

2.2. Label elements



Signal word Warning

Hazard statements

H226 - Flammable liquid and vapour

Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

2.3. Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

The product contains no substances which at their given concentration, are considered to be hazardous to health

Chemical name	Weight-%	REACH registration number	,	Classification according to Regulation (EC) No. 1272/2008 [CLP]		M-Factor	M-Factor (long-term)
Ethanol 64-17-5	60-100	01-2119457610-43-00 00	200-578-6	Flam. Liq. 2 (H225)	-	-	-

Revision	date	11/12/2023
----------	------	------------

Glycerol 56-81-5	1-5	No data available	200-289-5	-	-	-	-
Propane-1,2-diol 57-55-6	0.1-1	01-2119456809-23-00 00	200-338-0	-	1	-	-
2-Methylpropan-2-ol 75-65-0	<0.1	No data available	200-889-7	Acute Tox. 4 (H332) Eye Irrit. 2 (H319) STOT SE 3 (H335) Flam. Liq. 2 (H225)	-	-	-
Cyclohexane 110-82-7	<0.1	01-2119463273-41-00 00	203-806-2	Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Aquatic Acute 1 (H400) Skin Irrit. 2 (H315) STOT SE 3 (H336) Flam. Liq. 2 (H225)	-	-	-

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

Acute Toxicity Estimate

Chemical name	Oral LD50 mg/kg		Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Ethanol 64-17-5	7060	No data available	116.9 133.8	No data available	No data available
Glycerol 56-81-5	12600	10000	2.75	No data available	No data available
Propane-1,2-diol 57-55-6	20000	20800	No data available	No data available	No data available
2-Methylpropan-2-ol 75-65-0	2200	2000	No data available	30.3149	No data available
Cyclohexane 110-82-7	12705	2000	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Remove to fresh air.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. Do not rub affected area.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes

and shoes.

Ingestion Rinse mouth.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s)

involved, take precautions to protect themselves and prevent spread of contamination. Use

personal protective equipment as required. See section 8 for more information.

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

Symptoms No information available.

Effects of Exposure None.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing mediaDo not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the

product must be grounded. Do not touch or walk through spilled material.

Other information Ventilate the area.

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if

safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containmentStop leak if you can do it without risk. Do not touch or walk through spilled material. A

vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand

or other non-combustible material and transfer to containers for later disposal.

Revision date 11/12/2023

Methods for cleaning up

Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers.

Use according to package label instructions.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not

be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat,

sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Storage class (TRGS 510) LGK 3.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Ethanol	-	TWA: 1000 ppm	TWA: 1000 ppm	TWA: 1000 mg/m ³	TWA: 1000 ppm
64-17-5		TWA: 1900 mg/m ³	TWA: 1907 mg/m ³		TWA: 1900 mg/m ³
		STEL 2000 ppm			
		STEL 3800 mg/m ³			
Glycerol	-	-	TWA: 10 mg/m ³	-	TWA: 10 mg/m ³
56-81-5					

Propane-1,2-diol -		T	1			
2-Methylpropan-2-ol		-	-	-	-	
2-Methylpropan-2-ol 75-65-0	57-55-6					TWA: 474 mg/m ³
2-Methylpropan-2-ol 75-65-0						TWA: 10 mg/m ³
TWA: 200 mg/m² TWA:	2-Methylpropan-2-ol	_	TWA: 20 ppm	TWA: 100 ppm	-	
STEL 80 ppm STEL 240 ppm TWA: 200 ppm TWA: 700 mg/m³ STEL 2800 ppm STEL 2800 ppm STEL 2800 ppm TWA: 200 ppm TWA: 700 mg/m³ STEL 2800 ppm TWA: 200 ppm TWA: 700 mg/m³ STEL: 300 mg/m³						
STEL: 482 mg/m³	79 00 0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
TWA: 200 ppm						
TWA: 700 mg/m³ TWA: 700 mg/m³ STEL 800 mg/m³ TWA: 1000 ppm TWA: 1000 ppm TWA: 1000 mg/m³ TWA: 1000 mg/m³ TWA: 1000 mg/m³ STEL: 3000 mg/m³ ST	<u> </u>					
STEL 800 ppm STEL 2800 mg/m³ Chemical name Cyprus Czech Republic Denmark Estonia Finland TWA: 1000 ppm TWA: 1900 mg/m³ TWA: 1900 ppm TWA: 1900 mg/m³ STEL: 1900 ppm STEL: 3900 mg/m³ STEL: 390 mg						
Chemical name	110-82-7	TWA: 700 mg/m ³	TWA: 700 mg/m ³	TWA: 350 mg/m ³	TWA: 700.0 mg/m ³	TWA: 700 mg/m ³
Chemical name			STEL 800 ppm			*
Chemical name						
Ethanol 64-17-5	Chemical name	Cyprus		Denmark	Estonia	Finland
Ceiling: 3000 mg/m³ TWA: 1900 mg/m³ STEL: 1000 ppm STEL: 1000 ppm STEL: 3000 mg/m³ STEL: 1000 ppm STEL: 3000 mg/m³ STEL: 1000 ppm STEL: 3000 mg/m³ TWA: 100 mg/m³ TWA: 100 mg/m³ TWA: 100 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ TWA: 50 mg/m³ TWA: 50 mg/m³ TWA: 50 mg/m³ TWA: 50 mg/m³ STEL: 550 mg/m³ STEL: 550 mg/m³ STEL: 550 mg/m³ STEL: 550 mg/m³ STEL: 300 mg/m³ TWA: 50 mg/m³ STEL: 550 mg/m³ STEL: 300 mg/m³ STEL:		Сургиз				
STEL: 2000 ppm STEL: 1300 ppm STEL: 1300 ppm STEL: 2500 mg/m³ TWA: 20 mg/m³ TWA: 150 mg/m³ TWA: 150 mg/m³ STEL: 250 mg/m³ TWA: 150 mg/m³ STEL: 250 mg/m³ STEL: 350 mg/m³ TWA: 200 m		-				
STEL: 3800 mg/m³ STEL: 1900 mg/m³ STEL: 2500 mg/m³ STEL: 2500 mg/m³ Ceiling: 15 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ Ceiling: 15 mg/m³ Ceiling: 15 mg/m³ TWA: 300 mg/m³ Ceiling: 15 mg/m³ Ceiling: 15 mg/m³ Ceiling: 15 mg/m³ Ceiling: 15 mg/m³ TWA: 50 ppm TWA: 150 mg/m³ STEL: 250 ppm TWA: 150 mg/m³ STEL: 250 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ TWA: 1900 mg/m³ TWA: 200 mg/m³ STEL: 350 mg/m³ TWA: 200 mg/m³ T	64-17-5		Ceiling: 3000 mg/m ³			
Glycerol 56-81-5 - TWA: 10 mg/m³ - TWA: 10 mg/m³ TWA: 20 mg/m³ Ceiling: 15 mg/m³ - TWA: 10 mg/m³ TWA: 20 mg/m³ Ceiling: 15 mg/m³ TWA: 150 mg/m³ TWA: 170 mg/m³ TWA:				STEL: 2000 ppm	STEL: 1000 ppm	
Glycerol 56-81-5 - TWA: 10 mg/m³ - TWA: 10 mg/m³ TWA: 20 mg/m³ Ceiling: 15 mg/m³ - TWA: 10 mg/m³ TWA: 20 mg/m³ Ceiling: 15 mg/m³ TWA: 150 mg/m³ TWA: 170 mg/m³ TWA:				STEL: 3800 mg/m ³	STEL: 1900 mg/m ³	STEL: 2500 mg/m ³
Si-81-5	Glycerol	_	TWA: 10 mg/m ³	_		
C-Methylpropan-2-ol TWA: 300 mg/m³ Ceiling: 50 ppm TWA: 700 ppm						
Ceiling: 600 mg/m³				Coiling: EO sam	T\\\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	T\\\\ A · 50 ~~~
Cyclohexane		-				
Cyclohexane	/5-65-0					
Cyclohexane			D*	H*	STEL: 75 ppm	
Cyclohexane					STEL: 250 mg/m ³	STEL: 230 mg/m ³
Cyclohexane						
TWA: 700 mg/m³ Ceiling: 2000 mg/m³ TWA: 172 mg/m³ STEL: 100 ppm STEL: 250 ppm STEL: 250 ppm STEL: 344 mg/m³ STEL: 345 mg/m³ STEL: 350 ppm TWA: 200 ppm TWA: 200 ppm TWA: 380 mg/m³ TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 2000 ppm STEL: 3000 mg/m³ TWA: 200 mg/m³ TWA: 1900 mg/m³ STEL: 3000 mg/m³ STEL: 3000 mg/m³ STEL: 300 mg/m³ S	Cycloheyane	T\WA: 200 nnm	TWΔ: 700 mg/m ³	TWA: 50 nnm		
STEL: 100 ppm STEL: 250 ppm TWA: 1000 ppm TWA: 200 mg/m³ TWA: 300 mg/m³ TWA: 300 mg/m³ TWA: 200 ppm TWA: 300 mg/m³ TWA: 400 ppm TWA: 300 mg/m³ TWA: 400 ppm TWA: 300 mg/m³ TWA: 400 ppm TWA: 300 mg/m³ TWA: 400 mg/						
STEL: 344 mg/m³ STEL: 875	110-62-7	T VVA. 700 mg/m ^s	Celling. 2000 mg/m ^o		TVVA. 700 mg/m ^s	
Chemical name						STEL: 250 ppm
Ethanol 64-17-5				STEL: 344 mg/m ³		STEL: 875 mg/m ³
TWA: 1900 mg/m³ TWA: 380 mg/m³ Peak: 800 pg/m³ Peak: 800 pg/m³ TWA: 1900 mg/m³ TWA: 200 pg/m³ TWA: 200 mg/m³ TWA: 300 mg/m³ TWA: 4700 mg/m³ TWA: 470 mg/m³ TWA: 4700 mg/m³ TWA: 470 mg/m³ T	Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
TWA: 1900 mg/m³ TWA: 380 mg/m³ Peak: 800 pg/m³ Peak: 800 pg/m³ TWA: 1900 mg/m³ TWA: 200 pg/m³ TWA: 200 mg/m³ TWA: 300 mg/m³ STEL: 150 ppm TWA: 3.7 mg/m³ Peak: 248 mg/m³ STEL: 450 mg/m³ STEL: 450 mg/m³ STEL: 450 mg/m³ TWA: 200 ppm TWA: 3.7 mg/m³ Peak: 248 mg/m³ TWA: 200 ppm TWA: 3.7 mg/m³ Peak: 24 mg/m³ Peak: 24 mg/m³ TWA: 200 ppm TWA: 3.7 mg/m³ Peak: 24 mg/m³ Peak: 24 mg/m³ Peak: 24 mg/m³ TWA: 200 ppm TWA: 200 ppm TWA: 200 ppm TWA: 200 ppm TWA: 700 mg/m³ Peak: 2800 mg/m³ TWA: 700 mg/m³ TWA: 1000	Ethanol	TWA: 1000 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 1000 ppm	TWA: 1000 ppm
STEL: 5000 ppm STEL: 9500 mg/m³ TEL: 9500 mg/m³ TEL: 2000 ppm STEL: 2000 ppm STEL: 2000 ppm STEL: 3800 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ Peak: 400 mg/m³ TWA: 10 mg/m³ Feak: 400 mg/m³ TWA: 20 ppm TWA: 300 mg/m³ TWA: 20 ppm TWA: 62 mg/m³ Peak: 80 ppm Peak: 248 mg/m³ STEL: 150 ppm TWA: 300 mg/m³ STEL: 450 mg/m³						TWA: 1900 mg/m ³
STEL: 9500 mg/m³ Peak: 1520 mg/m³ TWA: 10 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ TWA: 10 mg/m³ TWA: 10 mg/m³ TWA: 10 mg/m³ TWA: 200 mg/m³ Peak: 400 mg/m³ Peak: 400 mg/m³ TWA: 10 mg/m³ Peak: 400 mg/m³ TWA: 200 mg/m³ Peak: 400 mg/m³ TWA: 200 mg/m³ Peak: 400 mg/m³ TWA: 200 mg/m³ TWA: 200 mg/m³ Peak: 400 mg/m³ TWA: 200 mg/m³ Peak: 240 mg/m³ Peak: 240 mg/m³ TWA: 300 mg/m³ Peak: 240 mg/m³ TWA: 300 mg/m³ Peak: 248 mg/m³ TWA: 300 mg/m³ TWA: 37 mg/m³ Peak: 248 mg/m³ Peak: 248 mg/m³ Peak: 245 mg/	04-17-5		1 WA. 300 mg/m		1 VVA. 1300 mg/m	
Cyclohexane						
S6-81-5						STEL: 3800 mg/m ³
2-Methylpropan-2-ol 75-65-0	Glycerol	TWA: 10 mg/m ³	TWA: 200 mg/m ³		TWA: 10 mg/m ³	-
TWA: 300 mg/m³	56-81-5			Peak: 400 mg/m ³		
TWA: 300 mg/m³	2-Methylpropan-2-ol	TWA: 100 ppm	TWA: 20 ppm	TWA: 20 ppm	TWA: 100 ppm	-
Peak: 80 ppm						
Peak: 248 mg/m³ STEL: 450 mg/m³	70000	1 W/ t. 000 mg/m	1 VV/ 1. 02 mg/m			
TWA: 1 ppm						
Cyclohexane					SIEL: 450 mg/m3	
124-68-5	2-Amino-2-methylpropan	-			-	-
124-68-5	ol		TWA: 3.7 mg/m ³	TWA: 3.7 mg/m ³		
Cyclohexane	124-68-5					
Cyclohexane 110-82-7 TWA: 200 ppm TWA: 700 mg/m³ STEL: 375 ppm STEL: 1300 mg/m³ TWA: 200 ppm TWA: 700 mg/m³ Peak: 800 ppm Peak: 2800 mg/m³ TWA: 200 ppm TWA: 700 mg/m³ Peak: 800 ppm Peak: 2800 mg/m³ TWA: 700 mg/m³ TWA: 700 mg/m³ TWA: 700 mg/m³ TWA: 700 mg/m³ Ethanol 64-17-5 STEL: 1000 ppm STEL: 1000 ppm STEL: 1884 mg/m³ TWA: 1000 mg/m³ TWA: 1000 mg/m³ TWA: 500 ppm TWA: 1000 mg/m³ TWA: 7 mg/m³ TWA: 7 mg/m³ TWA: 7 mg/m³ Propane-1,2-diol 57-55-6 TWA: 10 mg/m³ TWA: 470 mg/m³ STEL: 1410 mg/m³ STEL: 30 mg/m³ - - TWA: 7 mg/m³ TWA: 7 mg/m³						
TWA: 700 mg/m³ TWA: 1000 ppm TWA: 1000 ppm TWA: 1000 mg/m³ TWA: 1000 mg/m³ TWA: 1000 mg/m³ TWA: 7 mg/m³ T				*		
TWA: 700 mg/m³ TWA: 1000 ppm TWA: 1000 ppm TWA: 1000 mg/m³ TWA: 1000 mg/m³ TWA: 1000 mg/m³ TWA: 7 mg/m³ T	Cyclobayara	T\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	T\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	T\// 200 ====	T\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	T\// 200 ====
STEL: 375 ppm STEL: 1300 mg/m³ Peak: 800 ppm Peak: 2800 mg/m³ Ethanol STEL: 1000 ppm STEL: 100						
STEL: 1300 mg/m³ Peak: 2800 mg/m³ Latvia Lithuania	110-82-7		TWA: 700 mg/m ³		TWA: 700 mg/m ³	I WA: 700 mg/m ³
STEL: 1300 mg/m³ Peak: 2800 mg/m³ Latvia Lithuania				Peak: 800 ppm		
Chemical name Ireland Italy MDLPS Italy AIDII Latvia Lithuania Ethanol 64-17-5 STEL: 1000 ppm 64-17-5 TWA: 1000 mg/m³ STEL: 1900 mg/m³ TWA: 500 ppm TWA: 500 ppm TWA: 1000 mg/m³ TWA: 1000 mg/m³ Propane-1,2-diol 57-55-6 TWA: 10 mg/m³ TWA: 470 mg/m³ STEL: 1410 mg/m³ STEL: 30 mg/m³ - TWA: 7 mg/m³ TWA: 7 mg/m³						
Ethanol 64-17-5 STEL: 1000 ppm - STEL: 1000 ppm STEL: 1000 mg/m³ STEL: 1000 ppm STEL: 1900 mg/m³ TWA: 500 ppm TWA: 500 ppm TWA: 1000 mg/m³ TWA: 17 mg/m³ TWA: 18 m	Chemical name		Italy MDI PS		Latvia	Lithuania
64-17-5 STEL: 1884 mg/m³ STEL: 1900 mg/m³			,			
TWA: 500 ppm TWA: 1000 mg/m³ Propane-1,2-diol 57-55-6 TWA: 150 ppm TWA: 470 mg/m³ STEL: 1410 mg/m³ STEL: 30 mg/m³ TWA: 500 ppm TWA: 7 mg/m³	l .	STEE. 1000 ppiii	<u> </u>		TVVA. 1000 mg/m	
Propane-1,2-diol TWA: 10 mg/m³ - TWA: 7 mg/m³ TWA: 7 mg/m	04-17-5			OIEL: 1884 mg/m		
Propane-1,2-diol TWA: 10 mg/m³ - TWA: 7 mg/m³ TWA: 7 mg/m³ TWA: 7 mg/m³ TWA: 7 mg/m³ TWA: 470 mg/m³ STEL: 1410 mg/m³ STEL: 30 mg/m³						
57-55-6 TWA: 150 ppm TWA: 470 mg/m³ STEL: 1410 mg/m³ STEL: 30 mg/m³						
57-55-6 TWA: 150 ppm TWA: 470 mg/m³ STEL: 1410 mg/m³ STEL: 30 mg/m³	Propane-1,2-diol	TWA: 10 mg/m ³	-	-	TWA: 7 mg/m ³	TWA: 7 mg/m ³
TWA: 470 mg/m³ STEL: 1410 mg/m³ STEL: 30 mg/m³						
STEL: 1410 mg/m³ STEL: 30 mg/m³						
STEL: 30 mg/m³						
STEL: 450 ppm						
		STEL: 450 ppm	l			

2-Methylpropan-2-ol 75-65-0	TWA STE STEL	A: 100 ppm : 300 mg/m ³ :L: 300 ppm :: 900 mg/m ³	-	TWA: 100 ppm TWA: 303 mg/m ³		0 mg/m ³	STEL: 75 ppm STEL: 250 mg/m³ TWA: 50 ppm TWA: 150 mg/m³ O*
Cyclohexane 110-82-7	TWA STE STEL	A: 200 ppm :: 700 mg/m ³ :L: 600 ppm : 2100 mg/m ³	TWA: 100 ppm TWA: 350 mg/m ³	TWA: 100 ppm TWA: 344 mg/m ³		23 ppm 80 mg/m³	TWA: 200 ppm TWA: 700 mg/m ³
Chemical name	Lu	xembourg	Malta	Netherlands		rway	Poland
Ethanol 64-17-5		-	<u>-</u>	TWA: 137 ppm TWA: 260 mg/m³ STEL: 1000 ppm STEL: 1900 mg/m³ H*	TWA: 9: STEL: (500 ppm 50 mg/m³ 625 ppm 87.5 mg/m³	TWA: 1900 mg/m ³
Glycerol 56-81-5		-	-	-		-	TWA: 10 mg/m ³
Propane-1,2-diol 57-55-6		-	-	-	TWA: 7 STEL: 3 STEL: 11	25 ppm '9 mg/m³ 37.5 ppm 8.5 mg/m³	TWA: 100 mg/m ³
2-Methylpropan-2-ol 75-65-0		-	-	-	Ceiling:	: 25 ppm 75 mg/m³ H*	STEL: 450 mg/m ³ TWA: 300 mg/m ³
Cyclohexane 110-82-7		A: 200 ppm : 700 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³		TWA: 52 STEL: 1 STEL: 650	150 ppm 25 mg/m³ 87.5 ppm 6.25 mg/m³	STEL: 1000 mg/m ³ TWA: 300 mg/m ³ skóra*
Chemical name		Portugal	Romania	Slovakia		venia	Spain
Ethanol 64-17-5	STE	L: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 5000 ppm STEL: 9500 mg/m³	TWA: 500 ppm TWA: 960 mg/m ³ Ceiling: 1920 mg/m ³	TWA: 5	60 mg/m ³ 500 ppm 000 ppm 920 mg/m ³	STEL: 1000 ppm STEL: 1910 mg/m ³
Glycerol 56-81-5		\: 10 mg/m ³	-	TWA: 11 mg/m ³	TWA: 20 STEL: 4	00 mg/m³ 00 mg/m³	TWA: 10 mg/m ³
2-Methylpropan-2-ol 75-65-0	TW	A: 100 ppm	-	TWA: 20 ppm TWA: 62 mg/m ³ Ceiling: 250 mg/m ³	TWA: 6 STEL: STEL: 2	20 ppm 62 mg/m³ 80 ppm 48 mg/m³	TWA: 100 ppm TWA: 308 mg/m ³
2-Amino-2-methylpropan ol 124-68-5		-	-	-	TWA: 3.7 mg/m³ TWA: 1 ppm STEL: 2 ppm STEL: 7.4 mg/m³ K*		-
Cyclohexane 110-82-7		A: 200 ppm : 700 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³	TWA: 200 ppm TWA: 700 mg/m³ STEL: 2800 mg/m³ STEL: 800 ppm		TWA: 200 ppm TWA: 700 mg/m ³
Chemical name		Sı	weden	Switzerland		Uni	ted Kingdom
Ethanol 64-17-5		Vägledande k NGV:	KGV: 1000 ppm KGV: 1900 mg/m ³ 500 ppm 000 mg/m ³	TWA: 500 ppm TWA: 960 mg/m STEL: 1000 ppr STEL: 1920 mg/i	mg/m³ T 0 ppm 5 0 mg/m³ S		A: 1000 ppm \tau: 1920 mg/m ³ EL: 3000 ppm \tau: 5760 mg/m ³
Glycerol 56-81-5			-	TWA: 50 mg/m³ STEL: 100 mg/m³		STE	A: 10 mg/m ³ EL: 30 mg/m ³
Propane-1,2-diol 57-55-6			-	-		TWA: 150 ppm TWA: 474 mg/m³ TWA: 10 mg/m³	

			STEL: 450 ppm STEL: 1422 mg/m ³ STEL: 30 mg/m ³
2-Methylpropan-2-ol 75-65-0	Vägledande KGV: 75 ppm Vägledande KGV: 250 mg/m³ NGV: 50 ppm NGV: 150 mg/m³ H*	TWA: 20 ppm TWA: 60 mg/m³ STEL: 80 ppm STEL: 240 mg/m³	TWA: 100 ppm TWA: 308 mg/m³ STEL: 150 ppm STEL: 462 mg/m³
2-Amino-2-methylpropanol 124-68-5	-	TWA: 2.4 ppm TWA: 8.7 mg/m³ STEL: 4.8 ppm STEL: 17.4 mg/m³ H*	-
Cyclohexane 110-82-7	NGV: 200 ppm NGV: 700 mg/m ³	TWA: 200 ppm TWA: 700 mg/m³ STEL: 800 ppm STEL: 2800 mg/m³	TWA: 100 ppm TWA: 350 mg/m³ STEL: 300 ppm STEL: 1050 mg/m³

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Chemical name	European Union	Austria	Bulg	garia	Croatia	Czech Republic
Cyclohexane	-	-		-	150 mg/g Creatini	ne -
110-82-7					- urine	
					(1,2-Cyclohexane	
					ol) - at the end of t	
					work shift; at chro	nic
					exposure after	
					several successiv	/e
					shifts	
					450 μg/L - blood	
					(Cyclohexanol)	
					during exposure	
					3.20 mg/g Creatini	ne
					- urine	
					(Cyclohexanol)	
					during the secon	
Chemical name	Denmark	Finland	Fra	200	Germany DFG	Germany TRGS
Cyclohexane	Deninark	riilialiu	гіа	rice		ne 150 mg/g Creatinine
110-82-7	-	-	•	-	(urine - total	(urine - total
110-02-7						iol 1,2-Cyclohexanediol
						nd (after hydrolysis) end
					of shift)	of shift)
						ne 150 mg/g Creatinine
					(urine - total	(urine - total
						iol 1,2-Cyclohexanediol
						or (after hydrolysis) for
					long-term	long-term
					exposures: at the	
					end of the shift aft	er end of the shift after
					several shifts)	several shifts)
					150 mg/g Creatini	ne
					- BAT (for long-ter	·m
					exposures: at the	
					end of the shift aft	
					several shifts) urir	
Chemical name	Slovenia	Spain		Sw	itzerland	United Kingdom

Cyclohexane	150 mg/g Creatinine -	- 150 mg/g creatinine (urine -
110-82-7	urine	- total
	(1,2-Cyclohexanediol	1,2-Cyclohexanediol end
	(after hydrolysis)) - at the	of shift, and after several
	end of the work shift; for	shifts (for long-term
	long-term exposure: at the	exposures))
	end of the work shift after	146 µmol/mmol creatinine
	several consecutive	(urine - total
	workdays	1,2-Cyclohexanediol end
		of shift, and after several
		shifts (for long-term
		exposures))

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Ethanol 64-17-5	-	343 mg/kg bw/day [4] [6]	950 mg/m³ [4] [6] 1900 mg/m³ [5] [7]
Glycerol 56-81-5	-	-	56 mg/m ³ [5] [6]
Propane-1,2-diol 57-55-6	-	-	168 mg/m³ [4] [6] 10 mg/m³ [5] [6]
2-Methylpropan-2-ol 75-65-0	-	5.5 mg/kg bw/day [4] [6]	2.7 mg/m³ [4] [6] 214 mg/m³ [4] [7]
2-Amino-2-methylpropanol 124-68-5	-	7.3 mg/kg bw/day [4] [6]	6.5 mg/m³ [4] [6]
Cyclohexane 110-82-7	-	2016 mg/kg bw/day [4] [6]	700 mg/m³ [4] [6] 1400 mg/m³ [4] [7] 700 mg/m³ [5] [6] 1400 mg/m³ [5] [7]

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Ethanol 64-17-5	87 mg/kg bw/day [4] [6]	-	114 mg/m³ [4] [6] 950 mg/m³ [5] [7]
Glycerol 56-81-5	229 mg/kg bw/day [4] [6]	-	33 mg/m³ [5] [6]
Propane-1,2-diol 57-55-6	-	-	50 mg/m³ [4] [6] 10 mg/m³ [5] [6]
2-Methylpropan-2-ol 75-65-0	0.3 mg/kg bw/day [4] [6]	-	0.5 mg/m³ [4] [6] 159.8 mg/m³ [4] [7]
2-Amino-2-methylpropanol 124-68-5	0.46 mg/kg bw/day [4] [6]	-	1.6 mg/m³ [4] [6]
Cyclohexane 110-82-7	59.4 mg/kg bw/day [4] [6]	-	206 mg/m³ [4] [6] 412 mg/m³ [4] [7] 206 mg/m³ [5] [6] 412 mg/m³ [5] [7]

Predicted No Effect Concentration (PNEC)

Revision	date	11/12/2023
----------	------	------------

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Glycerol 56-81-5	0.885 mg/L	8.85 mg/L	0.0885 mg/L	-	-
Propane-1,2-diol 57-55-6	260 mg/L	183 mg/L	26 mg/L	-	-
2-Methylpropan-2-ol 75-65-0	2 mg/L	9.33 mg/L	0.2 mg/L	-	-
2-Amino-2-methylpropanol 124-68-5	0.188 mg/L	1.88 mg/L	0.0188 mg/L	-	-
Cyclohexane 110-82-7	0.207 mg/L	0.207 mg/L	0.207 mg/L	-	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Glycerol 56-81-5	3.3 mg/kg sediment dw	0.33 mg/kg sediment dw	1000 mg/L	0.141 mg/kg soil dw	-
Propane-1,2-diol 57-55-6	572 mg/kg sediment dw	57.2 mg/kg sediment dw	20000 mg/L	50 mg/kg soil dw	-
2-Methylpropan-2-ol 75-65-0	8.04 mg/kg sediment dw	0.804 mg/kg sediment dw	690 mg/L	1 mg/kg soil dw	88700 g/kg food
2-Amino-2-methylpropanol 124-68-5	0.71 mg/kg sediment dw	0.071 mg/kg sediment dw	10 mg/L	0.03 mg/kg soil dw	-
Cyclohexane 110-82-7	16.68 mg/kg sediment dw	16.68 mg/kg sediment dw	3.24 mg/L	3.38 mg/kg soil dw	-

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Antistatic boots.

exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not

be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

ABHHR500, ABHHR500_6, ABHHR500F, ABHHR500F_6, ZA - Anti-Bac+ Sanitising Hand Rub

Revision date 11/12/2023

Liquid Physical state **Appearance** Liquid Colour Colourless Odour Alcohol.

Odour threshold No information available

Remarks • Method **Property** Values

Melting point / freezing point No data available None known Initial boiling point and boiling rangeNo data available None known **Flammability** No data available None known Flammability Limit in Air None known

Upper flammability or explosive No data available

Lower flammability or explosive No data available

limits

24 °C Flash point None known No data available **Autoignition temperature** None known None known

Decomposition temperature

No data available pH (concentrated solution): 7-8

pH (as aqueous solution) No data available None known Kinematic viscosity No data available None known Dynamic viscosity 4000 cSt @ 23°C None known Water solubility No data available None known Solubility(ies) No data available None known Partition coefficient No data available None known Vapour pressure No data available None known 0.869-0.903 @ 20°C Relative density None known

Bulk density No data available **Liquid Density** No data available

Relative vapour density No data available None known

Particle characteristics

Particle Size No information available Particle Size Distribution No information available

9.2. Other information

9.2.1. Information with regards to physical hazard classes

Explosive properties Not considered to be explosive.

Oxidising properties Does not meet the criteria for classification as oxidizing.

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available. Reactivity

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None. Sensitivity to static discharge

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks.

10.5. Incompatible materials

Incompatible materialsNone known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

 ATEmix (oral)
 10,098.70 mg/kg

 ATEmix (dermal)
 268,319.00 mg/kg

 ATEmix (inhalation-gas)
 99,999.00 ppm

 ATEmix (inhalation-vapour)
 99,999.00 mg/l

 ATEmix (inhalation-dust/mist)
 275.00 mg/l

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	= 7060 mg/kg (Rat)	-	= 116.9 mg/L (Rat)4 h = 133.8 mg/L (Rat)4 h
Glycerol	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 2.75 mg/L (Rat)4 h
Propane-1,2-diol	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	-
2-Methylpropan-2-ol	= 2200 mg/kg (Rat)	> 2 g/kg (Rabbit)	> 10000 ppm (Rat) 4 h
Cyclohexane	= 12705 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 32880 mg/m³ (Rat) 4 h

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

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

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

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

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposureBased on available data, the classification criteria are not met.

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties The substance/mixture does not contain components considered to have endocrine

disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Ethanol	-	LC50: 12.0 - 16.0mL/L	-	LC50: 9268 - 14221mg/L
		(96h, Oncorhynchus		(48h, Daphnia magna)
		mykiss)		EC50: =2mg/L (48h,
		LC50: >100mg/L (96h,		Daphnia magna)
		Pimephales promelas)		
		LC50: 13400 - 15100mg/L		

	1	/001 B: 1 1	Т	
		(96h, Pimephales		
		promelas)		
Glycerol	-	LC50: 51 - 57mL/L (96h,	-	-
		Oncorhynchus mykiss)		
Propane-1,2-diol	EC50: =19000mg/L (96h,	LC50: =51600mg/L (96h,	-	EC50: >1000mg/L (48h,
•	Pseudokirchneriella	Oncorhynchus mykiss)		Daphnia magna)
	subcapitata)	LC50: 41 - 47mL/L (96h,		
	. ,	Oncorhynchus mykiss)		
		LC50: =51400mg/L (96h,		
		Pimephales promelas)		
		LC50: =710mg/L (96h,		
		Pimephales promelas)		
2-Methylpropan-2-ol	EC50: >1000mg/L (72h,	LC50: 6130 - 6700mg/L	-	EC50: =933mg/L (48h,
	Desmodesmus	(96h, Pimephales		Daphnia magna)
	subspicatus)	promelas)		EC50: 4607 - 6577mg/L
	. ,	, ,		(48h, Daphnia magna)
Cyclohexane	EC50: >500mg/L (72h,	LC50: 3.96 - 5.18mg/L	-	-
•	Desmodesmus	(96h, Pimephales		
	subspicatus)	promelas)		
		LC50: 23.03 - 42.07mg/L		
		(96h, Pimephales		
		promelas)		
		LC50: 24.99 - 44.69mg/L		
		(96h, Lepomis		
		macrochirus)		
		LC50: 48.87 - 68.76mg/L		
		(96h, Poecilia reticulata)		

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Chemical name	Partition coefficient
Ethanol	-0.35
Glycerol	-1.75
Propane-1,2-diol	-1.07
2-Methylpropan-2-ol	0.317
Cyclohexane	3.44

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessmentThe product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

Chemical name	PBT and vPvB assessment
Ethanol	The substance is not PBT / vPvB
Glycerol	The substance is not PBT / vPvB
Propane-1,2-diol	The substance is not PBT / vPvB PBT assessment does
	not apply
2-Methylpropan-2-ol	The substance is not PBT / vPvB

Cyclohexane The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused

products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld

containers.

SECTION 14: Transport information

IATA

14.1 UN number or ID number UN1170 14.2 UN proper shipping name Ethanol 14.3 Transport hazard class(es) 3 14.4 Packing group Ш

Description UN1170, Ethanol, 3, III

14.5 Environmental hazards Not applicable

14.6 Special precautions for user

A180, A3, A58 **Special Provisions**

3L

ERG Code

IMDG

UN1170 14.1 UN number or ID number 14.2 UN proper shipping name Ethanol 14.3 Transport hazard class(es) 14.4 Packing group Ш

UN1170, Ethanol, 3, III, (24°C c.c.) Description

14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions 144, 223 EmS-No. F-E. S-D

14.7 Maritime transport in bulk

according to IMO instruments

No information available

14.1 UN number or ID number UN1170

14.2 UN proper shipping name Ethanol solution

14.3 Transport hazard class(es) 3 14.4 Packing group

Description UN1170, Ethanol solution, 3, III

14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions 144, 601 Classification code F1

ADR

14.1 UN number or ID number UN1170

14.2 UN proper shipping name Ethanol solution

14.3 Transport hazard class(es) 3 14.4 Packing group III

Description UN1170, Ethanol solution, 3, III, (D/E)

14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions 144, 601
Classification code F1
Tunnel restriction code (D/E)

SECTION 15: Regulatory information

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

National regulations

Chemical name	French RG number
Ethanol - 64-17-5	RG 84
Propane-1,2-diol - 57-55-6	RG 84
2-Methylpropan-2-ol - 75-65-0	RG 84
Cyclohexane - 110-82-7	RG 84

Germany

Water hazard class (WGK) slightly hazardous to water (WGK 1)

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Ethanol	Present	-	Fertility Category 1A
			Development Category 1A
			Can be harmful via
			breastfeeding

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

product door (20)		
Chemical name	Restricted substance per REACH	Substance subject to authorisation per
	Annex XVII	REACH Annex XIV
2-Methylpropan-2-ol - 75-65-0	Use restricted. See item 75.	-
Cyclohexane - 110-82-7	Use restricted. See item 57.	-
	Use restricted. See item 75.	

Persistent Organic Pollutants

Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU)

P5a - FLAMMABLE LIQUIDS P5b - FLAMMABLE LIQUIDS P5c - FLAMMABLE LIQUIDS

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Ethanol - 64-17-5	Product-type 1: Human hygiene Product-type 2:
	Disinfectants and algaecides not intended for direct
	application to humans or animals Product-type 4: Food and
	feed area

International Inventories

Contact supplier for inventory compliance status **TSCA DSL/NDSL** Contact supplier for inventory compliance status **EINECS/ELINCS** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **ENCS IECSC** Contact supplier for inventory compliance status **KECL** Contact supplier for inventory compliance status **PICCS** Contact supplier for inventory compliance status AIIC Contact supplier for inventory compliance status Contact supplier for inventory compliance status **NZIoC**

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H225 - Highly flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Causes serious eye irritation

ABHHR500, ABHHR500_6, ABHHR500F, ABHHR500F_6, ZA - Anti-Bac+ Sanitising Hand Rub

H332 - Harmful if inhaled

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H412 - Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value Sk* Skin designation

+ Sensitisers

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method
Flammable liquids	On basis of test data

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications

Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme Organisation for Economic Co-operation and Development Screening Information Data Set World Health Organization

Revision date 11/12/2023

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet