

Safety Data Sheet acc. to OSHA HCS

Printing date 03/23/2021

Version number 2

Reviewed on 03/23/2021

1 Identification

- · Product identifier
 - · Product number HBS5AA2 · Trade name: CLEAR WB SEALER
 - Application of the substance / the mixture For professional use

· Details of the supplier of the safety data sheet

- *Manufacturer/Supplier:* IVM Chemicals Srl Viale della Stazione 3 -27020 Parona (PV)Italy -Tel +39 038425441
- Information department: Environmental Health and safety office hseoffice @ivmchemicals.com
- · Emergency telephone number:
- ChemTel Expert Assistance Hotline/SDS Fax Access by dialing 1-800-255-3924 or for International +1-813-248-0585.

2 Hazard(s) identification

· Classification of the substance or mixture



GHS08 Health hazard

Carc. 1A H350 May cause cancer. Route of exposure: Inhalation.

· Label elements

- · GHS label elements
- The product is classified and labeled according to the Globally Harmonized System (GHS). • Hazard pictograms



GHS08

· Signal word Danger

- · Hazard-determining components of labeling:
- Quartz (SiO2)
- · Hazard statements

H350 May cause cancer. Route of exposure: Inhalation.

· Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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

- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P405 Store locked up. P501 Dispose of cor
 - Dispose of contents/container in accordance with local/regional/national/ international regulations.
- · Classification system:

· NFPA ratings (scale 0 - 4)



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FIRE

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· HMIS-ratings (scale 0 - 4) HEALTH *0 Health = *0

1 Fire = 1REACTIVITY 0

Reactivity = 0

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture: consisting of the following components.

· Dangeroi	is components:	
111-76-2	2-butoxyethanol	1-2.49%
	Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319 Flam. Liq. 4, H227	
112-34-5	2-(2-butoxyethoxy)ethanol	1-2.49%
	🚸 Eye Irrit. 2A, H319	
107-98-2	1-methoxy-2-propanol	1-2.49%
	 Flam. Liq. 3, H226 STOT SE 3, H336 	
57-55-6	propane-1,2-diol	0.5-1%
14808-60-7	Quartz (SiO2)	≥0.1-<0.5%
	🚸 Carc. 1A, H350	
34590-94-8	Dipropylene glycol monomethyl ether	<1%
	Flam. Liq. 4, H227	
55965-84-9	a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)	<0.00025%
	 Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330 Skin Corr. 1B, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100) Skin Sens. 1A, H317 	

4 First-aid measures

· Description of first aid measures

· General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- personal protective equipment for first aid responders is recommended. (please see section 8)
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: Do not induce vomiting; immediately call for medical help.
- · Information for doctor:
 - · Most important symptoms and effects, both acute and delayed
 - For symptoms and effects caused by substances, refer to Section 11.
 - · Indication of any immediate medical attention and special treatment needed No further relevant information available.

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5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
 - CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents:
- Do not use a jet water stream as it may scatter and spread fire.
- · Special hazards arising from the substance or mixture
- In case of fire, the following can be released: Nitrogen oxides (NOx)

Carbon monoxide (CO)

· Advice for firefighters

Cool by spraying with water the containers to prevent product decomposition and the development of substances potentially hazardous for health and also, in the case of closed containers exposed to flames to prevent explosions.

· Protective equipment:

Hardhat with visor, fireproof clothing, suitable gloves and if necessary respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Keep away from ignition sources
 Environmental precautions:
- Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

- Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.
- Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.
- · Protective Action Criteria for Chemicals

· PAC-1:		
471-34-1	calcium carbonate	45 mg/m³
111-76-2	2-butoxyethanol	60 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	30 ppm
107-98-2	1-methoxy-2-propanol	100 ppm
57-55-6	propane-1,2-diol	30 mg/m ³
14808-60-7	Quartz (SiO2)	0.075 mg/m³
34590-94-8	B Dipropylene glycol monomethyl ether	150 ppm
· PAC-2:		
471-34-1	calcium carbonate	210 mg/m³
111-76-2	2-butoxyethanol	120 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	33 ppm
107-98-2	1-methoxy-2-propanol	160 ppm
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57-55-6	propane-1,2-diol	1,300 mg/m ³
14808-60-7	Quartz (SiO2)	33 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
· PAC-3:		
471-34-1	calcium carbonate	1,300 mg/m ³
111-76-2	2-butoxyethanol	700 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	200 ppm
107-98-2	1-methoxy-2-propanol	660 ppm
57-55-6	propane-1,2-diol	7,900 mg/m ³
14808-60-7	Quartz (SiO2)	200 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm

7 Handling and storage

· Handling:

- Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Keep respiratory protective device available.
- Information about protection against explosions and fires: Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities

- · Storage:
 - Requirements to be met by storerooms and receptacles:
 - Observe the label precautions, the expiration date for the use, if not indicated, is from delivery date of goods.
 - In cases where there is no reported expiration date , it means that the product must be used within 8 months.
 - Take on temperature greater than 5 ° C
 - · Information about storage in one common storage facility: Not required.
 - · Further information about storage conditions: Keep receptacle tightly sealed.
- · Specific end use(s) Those typical of the product and the instructions in the data sheet if required.

8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
 - · Components with limit values that require monitoring at the workplace:
 - The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
 - At this time, the remaining constituent has no known exposure limits.

111-7	6-2 2-butoxyethanol	
PEL	Long-term value: 240 mg/m³, 50 ppm Skin	
REL	Long-term value: 24 mg/m³, 5 ppm Skin	
TLV	Long-term value: 97 mg/m³, 20 ppm BEI	
		(Contd. on page 5)

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112 2	(Contd. of pa
112-34 TLV	1-5 2-(2-butoxyethoxy)ethanol Long-term value: 67.5* mg/m³, 10* ppm
1	*Inhalable fraction and vapor
107-98	3-2 1-methoxy-2-propanol
REL	Short-term value: 540 mg/m ³ , 150 ppm
TLV	Long-term value: 360 mg/m³, 100 ppm Short-term value: 369 mg/m³, 100 ppm
ΤĹV	Long-term value: 184 mg/m ³ , 50 ppm
57-55-	6 propane-1,2-diol
WEEL	Long-term value: 10 mg/m ³
14808	-60-7 Quartz (SiO2)
PEL	Long-term value: 0.05* mg/m ³ *resp. dust; 30mg/m3/%SiO2+2
REL	Long-term value: 0.05* mg/m³ *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m ³
120	*as respirable fraction
34590	-94-8 Dipropylene glycol monomethyl ether
PEL	Long-term value: 600 mg/m³, 100 ppm Skin
REL	Short-term value: 900 mg/m³, 150 ppm Long-term value: 600 mg/m³, 100 ppm Skin
TLV	Short-term value: NIC-606 (909) mg/m³, NIC-100 (150) ppm Long-term value: NIC-303 (606) mg/m³, NIC-50 (100) ppm (Skin)
	· Ingredients with biological limit values:
111-70	δ-2 2-butoxyethanol
	00 mg/g creatinine
	ledium: urine ïme: end of shift
	arameter: Butoxyacetic acid with hydrolysis
•	Additional information: The lists that were valid during the creation were used as basis.
Expos	sure controls
	sonal protective equipment:
	General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
	Wash hands before breaks and at the end of work.
	Store protective clothing separately.
	Breathing equipment: Short term filter device:
	Suitable respiratory protective device recommended.
	Filter A
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· Protection of hands:



Protective gloves

Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

The glove material has to be impermeable and resistant to the product .

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

nformation on basic physical and o	chemical properties
· General Information	
· Appearance:	
· Form:	Fluid
· Color:	According to product specification
· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
 Melting point/Melting range: 	Undetermined.
 Boiling point/Boiling range: 	100 °C (212 °F)
· Flash point:	100 °C (212 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	225 °C (437 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	0.9 Vol %
· Upper:	~20 Vol %
· Vapor pressure at 20 °C (68 °F):	12 hPa (9 mm Hg)
• Density (+/- 0,03) at 20 °C (68 °F):	1.362 g/cm³ (11.366 lbs/gal)



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· Relative density	Not determined.	
· Vapor density	Not determined.	
· Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
· Water:	Fully miscible.	
· Partition coefficient (n-octanol/wat	er): Not determined.	
· Viscosity:		
· Dynamic:	Not determined.	
• <i>Kinematic at 20 •C (68 •F):</i>	45 s (ISO 6 mm)	
· Oxidising properties:	N.A.	
· Solvent content:		
· Water:	36.0 %	
· VOC content:	4.94 %	
	67.2 g/l / 0.56 lb/gal	
· Solids content:	59.0 %	
· Other information (HAPS)		
112-34-5 2-(2-butoxyethoxy)ethanol		1-2.49%
143-22-6 2-[2-(2-butoxyethoxy)ethox	xy]ethanol	<0.1%
121-44-8 triethylamine		<0.1%
· Other information	No further relevant information avail	able.

10 Stability and reactivity

· Reactivity typical of the product as indicated in the data sheet

- Chemical stability The product is stable in normal conditions of storage and use recommended • Thermal decomposition / conditions to be avoided:
 - No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: Acids, alkalis and oxidizing agents
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

• <i>LD</i> /.	· LD/LC50 values that are relevant for classification:		
ATE (Acu	te Toxicit	y Estimate)	
Oral	LD50	79,581 mg/kg (mouse)	
Dermal	LD50	57,857 mg/kg	
Inhalative	LC50/4 h	809 mg/l (mouse)	
111-76-2	2-butoxye	thanol	
Oral	LD50	1,480 mg/kg (mouse)	
Dermal	LD50	1,100 mg/kg (rab)	
Inhalative	LC50/4 h	11 mg/l (mouse)	
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Oral L Dermal L 107-98-2 I Oral L Dermal L Inhalative L 57-55-6 I Oral L Dermal L 1000000000000000000000000000000000000	_D50 _D50	yethoxy)ethanol 6,600 mg/kg (mouse) 2,764 mg/kg (rabbit) -2-propanol 4,016 mg/kg (mouse)	
Dermal L 107-98-2 L Oral L Dermal L Inhalative L 57-55-6 L Oral L Dermal L 34590-94-8	_D50 methoxy _D50	2,764 mg/kg (rabbit) -2-propanol	
107-98-2 - Oral L Dermal L Inhalative L 57-55-6 - Oral L Dermal L 34590-94-8	methoxy D50	-2-propanol	
OralLDermalLInhalativeL57-55-6 projonalLOralLDermalL34590-94-8	_D50		
Dermal L Inhalative L 57-55-6 pro Oral L Dermal L 34590-94-8			
Inhalative L 57-55-6 pro Oral L Dermal L 34590-94-8		5,001 mg/kg (rabbit)	
57-55-6 prop Oral L Dermal L 34590-94-8	CE0/1 h		
Oral L Dermal L 34590-94-8			
Dermal L 34590-94-8	-		
34590-94-8	_D50	20,000 mg/kg (mouse)	
	_D50	2,001 mg/kg (mouse)	
Oral	Dipropy	lene glycol monomethyl ether	
Ulai L	_D50	5,135 mg/kg (mouse)	
Dermal L	D50	19,020 mg/kg (rabbit)	
· on · on · Sensiti	the eye: tization: N	t effect: No irritant effect. No irritating effect. Io sensitizing effects known. Igical information: Safety data sheet available on request.	
Quart		ategories exposure to quartz is thought to occur during the use of prod	ucts in which
quartz	z is boun	d to other materials, such as resin, and for quantities present in th	
· IA	RC (Inter	national Agency for Research on Cancer - Cl. 1 and 2)	
14808-60-7	Quartz ((SiO2)	1
· N7	TP (Natio	nal Toxicology Program)	
14808-60-7	- (110000	uu Toxicology Frogram)	

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity

• Aquatic t	butoxyethanol
EC50	101 mg/l (daphnia) (24 h)
	101 mg/l (Fish)
. ,	(2-butoxyethoxy)ethanol
EC50	1,001 mg/l (daphnia) (48 h)
LC50 (96h)	1,300 mg/l (Leuciscus idus melanotus)
107-98-2 1-	methoxy-2-propanol
EC50	21,100 mg/l (daphnia) (48 h)
LC50 (96h)	6,812 mg/l (Fish)
57-55-6 pro	pane-1,2-diol
EC50	19,000 mg/l (algae) (48 h)
	18,340 mg/l (daphnia) (48 h)
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LC50 (96h) 40,613 mg/l (Fish) 34590-94-8 Dipropylene glycol monomethyl ether EC50 970 mg/l (algae) (72 h) 1,919 mg/l (daphnia) (48 h) LC50 (96h) LC50 (96h) 1.001 mg/l (Fish) 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] at methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) EC50 0.027 mg/l (algae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.19 mg/l (rigae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.19 mg/l (rigae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.19 mg/l (rigae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.19 mg/l (rigae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.19 mg/l (rigae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.19 mg/l (rigae) (72 h) 12-34-5 2-(2-butoxyethanol 112-34-5 2-(2-butoxyethanol 117-76-2 2-butoxyethanol 107-98-2 1-methoxy-2-propanol 57-55-6 propane-1,2-diol Behavior in environmental systems: • Bioaccumulative			(Contd. of page
EC50 970 mg/l (algae) (72 h) 1,919 mg/l (daphnia) (48 h) LC50 (96h) 1,001 mg/l (Fish) 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] at methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) EC50 0.027 mg/l (algae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.97 mg/l (algae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.97 mg/l (fish) Persistence and degradability No further relevant information available. · Substances Easily biodegradable 1111-76-2 2-butoxyethoxy)ethanol 112-34-5 2-(2-butoxyethoxy)ethanol 1707-98-2 1-methoxy-2-propanol 57-55-6 propane-1,2-diol Behavior in environmental systems: Bioaccumulative potential No further relevant information available. · Mobility in soil No further relevant information available. · Mobility in soil No further relevant information available. · General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water cou sewage system. • Other adverse effects No further relevant information available. • Maste treatment methods • Recommendation: Must not be disposed of together with household garbage. Do not allow product to sew	C50 (96h) 4	0,613 mg/l (Fish)	
1,919 mg/l (daphnia) (48 h) LC50 (96h) 1,001 mg/l (Fish) 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] at methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) EC50 0.027 mg/l (algae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.19 mg/l (rish) Persistence and degradability No further relevant information available. · Substances Easily biodegradable 111-76-2 2-butoxyethanol 112-34-5 2-(2-butoxyethoxy)ethanol 107-98-2 1-methoxy-2-propanol 57-55-6 propane-1,2-diol · Behavior in environmental systems: ·Bioaccumulative potential No further relevant information available. · Mobility in soil No further relevant information available. · Mobility in soil No further relevant information available. · Mobility in soil No further relevant information available. · Mobility in soil No further relevant information available. · Mobility in soil No further relevant information available. · Ofter adverse effects No further relevant information available. · Mater hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water cou sewage system. · Other adverse e	4590-94-8 D	ipropylene glycol mon	nomethyl ether
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methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) EC50 0.027 mg/l (algae) (72 h) 0.16 mg/l (daphnia) (48 h) LC50 (96h) 0.19 mg/l (Fish) Persistence and degradability No further relevant information available. • Substances Easily biodegradable 111-76-2 2-butoxyethanol 112-34-5 2-(2-butoxyethoxy)ethanol 107-98-2 1-methoxy-2-propanol 57-55-6 propane-1,2-diol Behavior in environmental systems: · Bioaccumulative potential No further relevant information available. · Mobility in soil No further relevant information available. · Mobility in soil No further relevant information available. · General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water cousewage system. Other adverse effects No further relevant information available. * Waste treatment methods · Recommendation: Must not be disposed of together with household garbage. Do not allow product to sewage system. Hand over to hazardous waste disposers. Dispose of contents and container in accordance with local state and federal regulations. Uncleaned packagings:	C50 (96h) 1	,001 mg/l (Fish)	
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 57-55-6 propane-1,2-diol Behavior in environmental systems: Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water cousewage system. Other adverse effects No further relevant information available. Bisposal considerations Waste treatment methods Recommendation: Must not be disposed of together with household garbage. Do not allow product to sewage system. Hand over to hazardous waste disposers. Dispose of contents and container in accordance with local state and federal regulations. 	12-34-5 2-(2	2-butoxyethoxy)ethanol	
 Behavior in environmental systems: Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water cousewage system. Other adverse effects No further relevant information available. Bisposal considerations Waste treatment methods Recommendation: Must not be disposed of together with household garbage. Do not allow product to sewage system. Hand over to hazardous waste disposers. Dispose of contents and container in accordance with local state and federal regulations. Uncleaned packagings:	07-98-2 1-n	ethoxy-2-propanol	
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 3 Disposal considerations • Waste treatment methods • Recommendation: Must not be disposed of together with household garbage. Do not allow product to sewage system. Hand over to hazardous waste disposers. Dispose of contents and container in accordance with local state and federal regulations. • Uncleaned packagings: 	sewage sy	rstem.	
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Uncleaned packagings:	• Recommen Must not sewage sy Hand over	<i>dation:</i> be disposed of togethe rstem. • to hazardous waste disp	posers.
• Recommended cleansing agent: Water, if necessary with cleansing agents.	Incleaned p	ackagings: dation: Disposal must be	e made according to official regulations.

· UN-Number · DOT, IMDG, IATA

Not applicable

Not applicable

- · UN proper shipping name
- · DOT, IMDG, IATA

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Product number HBS5AA2 Trade name: CLEAR WB SEALER

Printing date 03/23/2021

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Transport hazard class(es)		
· DOT, ADR, ADN, IMDG, IATA · Class	Not applicable	
Packing group · DOT, IMDG, IATA	Not applicable	
Environmental hazards: • Marine pollutant:	No	
Special precautions for user	Not applicable.	
<i>Transport in bulk according to Annex</i> <i>MARPOL73/78 and the IBC Code</i>	I of Not applicable.	
UN "Model Regulation":	Not applicable	

15 Regulatory information

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

	Section 355 (extremely hazardous substances):		
	the ingredients is listed.		
	Section 313 (Specific toxic chemical listings) :		
111-76-2	2-butoxyethanol		1-2.49
112-34-5	2-(2-butoxyethoxy)ethanol		1-2.49
143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol		<0.1%
121-44-8	triethylamine		<0.1%
· TS	CA (Toxic Substances Control Act):		
All compo	onents have the value ACTIVE.		
	Hazardous Air Pollutants		
121-44-8			
	triethylamine		
	pposition 65		
· Pro	pposition 65 Chemicals known to cause cancer:		
· Pro	oposition 65 Chemicals known to cause cancer: Quartz (SiO2) only in bound form	*	
• Pro • 14808-60	oposition 65 Chemicals known to cause cancer: Quartz (SiO2) only in bound form -7 Quartz (SiO2)	* ≥0	0.1-<0.5
• Pro 14808-60	<i>oposition 65Chemicals known to cause cancer:</i> Quartz (SiO2) only in bound form0-7Quartz (SiO2)Chemicals known to cause reproductive toxicity for females:	* ≥0	
• Pro 14808-60	oposition 65 Chemicals known to cause cancer: Quartz (SiO2) only in bound form -7 Quartz (SiO2)	* ≥0	
· Pro 14808-60 1589-47-	<i>oposition 65Chemicals known to cause cancer:</i> Quartz (SiO2) only in bound form0-7Quartz (SiO2)Chemicals known to cause reproductive toxicity for females:	* ≥0	
• Pra • 14808-60 • 1589-47-	position 65Chemicals known to cause cancer: Quartz (SiO2) only in bound form0-7Quartz (SiO2)Chemicals known to cause reproductive toxicity for females:52-methoxypropanol	* ≥0	
• Pro • 14808-60 • 1589-47- • None of t	position 65 Chemicals known to cause cancer: Quartz (SiO2) only in bound form p-7 Quartz (SiO2) Chemicals known to cause reproductive toxicity for females: 5 2-methoxypropanol Chemicals known to cause reproductive toxicity for males:	* ≥0	
• Pro • 14808-60 • 1589-47- • None of t	position 65 Chemicals known to cause cancer: Quartz (SiO2) only in bound form p-7 Quartz (SiO2) Chemicals known to cause reproductive toxicity for females: 5 2-methoxypropanol Chemicals known to cause reproductive toxicity for males: he ingredients is listed.	* ≥0	
• Pro • 14808-60 • 1589-47- • None of t None of t	position 65 Chemicals known to cause cancer: Quartz (SiO2) only in bound form position 20 Chemicals known to cause reproductive toxicity for females: 5 2-methoxypropanol Chemicals known to cause reproductive toxicity for males: the ingredients is listed. Chemicals known to cause developmental toxicity:	* ≥0	
• Pro • 14808-60 • 1589-47- • None of t • None of t • Cat	position 65 Chemicals known to cause cancer: Quartz (SiO2) only in bound form position 20 Chemicals known to cause reproductive toxicity for females: position 2 Chemicals known to cause reproductive toxicity for females: position 2 Chemicals known to cause reproductive toxicity for males: chemicals known to cause reproductive toxicity for males: chemicals known to cause developmental toxicity: the ingredients is listed. Chemicals known to cause developmental toxicity:		0.1-<0.5



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· TL	V (Threshold Limit Value)	
14807-96-6	Talc (Mg3H2(SiO3)4)	A4
111-76-2	2-butoxyethanol	A3
14808-60-7	Quartz (SiO2)	A2
121-44-8	triethylamine	A4
· NI	OSH-Ca (National Institute for Occupational Safety o	and Health)
14808-60-7	Quartz (SiO2)	≥0.1-<0.5%

· National regulations:

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: IVM Chemicals Srl

· Contact: See emergency phone · Date of preparation / last revision 03/23/2021 / 1 · Abbreviations and acronvms: IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Liq. 3: Flammable liquids - Category 3 Flam. Liq. 4: Flammable liquids - Category 4 Acute Tox. 3: Acute toxicity - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Acute Tox. 2: Acute toxicity - Category 2 Skin Corr. 1B: Skin corrosion/irritation - Category 1B Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Skin Sens. 1A: Skin sensitisation - Category 1A Carc. 1A: Carcinogenicity - Category 1A STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Sources REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL and following amendments

Agency ECHA web site

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Safety Data Sheet acc. to OSHA HCS

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INRS Fiche Toxicologique IARC International agency for research on cancer

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