

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

1.1. Product identifier

Trade name or designation of the mixture	Cross Check™ - White, Pink, and Gray
Registration number	-
Synonyms	FORMULA CODE(S): * B095M (White), B100M (Pink), B101M (Gray)
Part Number	83319 (White), 83320 (Pink), 83321 (Gray)
Issue date	12-April-2018
Version number	01

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

Identified uses	Inspection Paint
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Supplier

Company name	Alsco Ltd
Address	Unite 13 Hillmead Industrial Estate Marshall Road Swindon, Wiltshire United Kingdom SN5 5FZ
Telephone	+ 44 1793 733900 (09.00-17.00)
In Case of Emergency	National Poisons Information Service +44 344 892 0111
E-mail	info@alscoltd.co.uk

Manufacturer

Company name	ITW Pro Brands
Address	805 E. Old 56 Highway Olathe, KS 66061
Country	(U.S.A.)
Telephone	+1 800-443-9536
In Case of Emergency	1-800-535-5053

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards

Flammable liquids	Category 3	H226 - Flammable liquid and vapour.
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Health hazards

Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.
Skin sensitisation	Category 1	H317 - May cause an allergic skin reaction.
Germ cell mutagenicity	Category 1B	H340 - May cause genetic defects.
Carcinogenicity	Category 2	H351 - Suspected of causing cancer.
Specific target organ toxicity - repeated exposure	Category 1 (Central nervous system)	H372 - Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
Aspiration hazard	Category 1	H304 - May be fatal if swallowed and enters airways.

Hazard summary

May be ignited by heat, sparks or flames. May be fatal if swallowed and enters airways. Causes serious eye damage. Causes damage to organs through prolonged or repeated exposure. Suspected of causing cancer. May cause an allergic skin reaction. May cause genetic defects. Prolonged exposure may cause chronic effects.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains:

Aluminium hydroxide, Diacetone alcohol, Ethylbenzene, Kaolin, Light Mineral Spirits, Methyl Benzimidazole-2-yl Carbamate, Methyl Ethyl Ketoxime, Propylene glycol monomethyl ether acetate, Silica, amorphous, Soy Lecithin, Synthetic Amorphous Silica, Titanium dioxide, Zirconium 2-ethylhexanoate, Zirconium dioxide

Hazard pictograms



Signal word

Danger

Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H340	May cause genetic defects.
H351	Suspected of causing cancer.
H372	Causes damage to organs (Central nervous system) through prolonged or repeated exposure.

Precautionary statements

Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P260	Do not breathe vapour.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P331	Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE/doctor.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: Use appropriate media to extinguish.

Storage

P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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Supplemental label information

EUH208 - Contains Methyl Ethyl Ketoxime. May produce an allergic reaction.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Light Mineral Spirits	30 - < 40	64742-88-7 265-191-7	-	649-405-00-X	
Classification:	Asp. Tox. 1;H304, STOT RE 1;H372				

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Titanium dioxide	20 - < 30	13463-67-7 236-675-5	-	-	
Classification:	-				
Methyl Ethyl Ketoxime	3 - < 5	96-29-7 202-496-6	-	616-014-00-0	
Classification:	Acute Tox. 4;H312, Skin Sens. 1;H317, Eye Dam. 1;H318, Carc. 2;H351				
Aluminium hydroxide	1 - < 3	21645-51-2 244-492-7	-	-	
Classification:	-				
Kaolin	1 - < 3	1332-58-7 310-194-1	-	-	
Classification:	-				
Propylene glycol monomethyl ether acetate	1 - 3	108-65-6 203-603-9	-	607-195-00-7	#
Classification:	Flam. Liq. 3;H226				
Silica, amorphous	1 - < 3	7631-86-9 231-545-4	-	-	
Classification:	-				
Soy Lecithin	0,1 - 1	8030-76-0 310-129-7	-	-	
Classification:	-				
Diacetone alcohol	< 1	123-42-2 204-626-7	-	603-016-00-1	
Classification:	Eye Irrit. 2;H319				
Synthetic Amorphous Silica	< 1	112945-52-5 231-545-4	-	-	
Classification:	-				
Ethylbenzene	< 0,3	100-41-4 202-849-4	-	601-023-00-4	#
Classification:	Flam. Liq. 2;H225, Asp. Tox. 1;H304, Acute Tox. 4;H332, STOT RE 2;H373				
Zirconium dioxide	< 0,3	1314-23-4 215-227-2	-	-	
Classification:	-				
Methyl Benzimidazole-2-yi Carbamate	< 0,2	10605-21-7 234-232-0	-	613-048-00-8	
Classification:	Muta. 1B;H340, Repr. 1B;H360FD, Aquatic Acute 1;H400, Aquatic Chronic 1;H410				
Zirconium 2-ethylhexanoate	< 0,2	22464-99-9 245-018-1	-	-	
Classification:	-				

List of abbreviations and symbols that may be used above

DSD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Composition comments The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Ingestion	Call a physician or poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
4.2. Most important symptoms and effects, both acute and delayed	Aspiration may cause pulmonary oedema and pneumonitis. Narcosis. Behavioural changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.
4.3. Indication of any immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards	Flammable liquid and vapour.
5.1. Extinguishing media	
Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from the substance or mixture	Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
For emergency responders	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8 of the SDS.
6.2. Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
6.3. Methods and material for containment and cleaning up	Use water spray to reduce vapours or divert vapour cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapour. Do not get this material in contact with eyes. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001

Components	Type	Value	Form
Aluminium hydroxide (CAS 21645-51-2)	MAK	5 mg/m ³	Respirable fraction.
	STEL	10 mg/m ³	Inhalable fraction.
		20 mg/m ³	Inhalable fraction.
Diacetone alcohol (CAS 123-42-2)	MAK	10 mg/m ³	Respirable fraction.
		240 mg/m ³	
Ethylbenzene (CAS 100-41-4)	Ceiling	50 ppm	
		880 mg/m ³	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	MAK	200 ppm	
		440 mg/m ³	
		100 ppm	
Silica, amorphous (CAS 7631-86-9)	Ceiling	550 mg/m ³	
		100 ppm	
Titanium dioxide (CAS 13463-67-7)	MAK	275 mg/m ³	
	MAK	50 ppm	
Titanium dioxide (CAS 13463-67-7)	MAK	4 mg/m ³	Inhalable fraction.
	MAK	5 mg/m ³	Respirable dust.
	STEL	10 mg/m ³	Respirable dust.

Belgium. Exposure Limit Values.

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	TWA	241 mg/m ³	
Ethylbenzene (CAS 100-41-4)	STEL	50 ppm	
		551 mg/m ³	
Kaolin (CAS 1332-58-7)	TWA	125 ppm	Respirable fraction.
		442 mg/m ³	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	100 ppm	
		550 mg/m ³	
Titanium dioxide (CAS 13463-67-7)	TWA	100 ppm	
		275 mg/m ³	
		50 ppm	
		10 mg/m ³	

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value	Form
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	435 mg/m3	
	TWA	6 mg/m3	Inhalable fraction.
		3 mg/m3	Respirable fraction.
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3	
		100 ppm	
	TWA	275 mg/m3	
Silica, amorphous (CAS 7631-86-9)	TWA	50 ppm	
		10 mg/m3	Inhalable fraction.
Titanium dioxide (CAS 13463-67-7)		0,07 mg/m3	Respirable fraction.
	TWA	10 mg/m3	Respirable dust.

Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	MAC	241 mg/m3	
		50 ppm	
	STEL	362 mg/m3	
Ethylbenzene (CAS 100-41-4)	MAC	75 ppm	
		442 mg/m3	
	STEL	100 ppm	
Kaolin (CAS 1332-58-7)	MAC	884 mg/m3	
		200 ppm	
	MAC	2 mg/m3	Respirable dust.
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	MAC	275 mg/m3	
		50 ppm	
	STEL	550 mg/m3	
Silica, amorphous (CAS 7631-86-9)	MAC	100 ppm	
		6 mg/m3	Total dust.
		2,4 mg/m3	Respirable dust.
Titanium dioxide (CAS 13463-67-7)	STEL	4 mg/m3	Respirable dust.
		10 mg/m3	Total dust.

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.

Components	Type	Value
Silica, amorphous (CAS 7631-86-9)	TWA	2 mg/m3
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

Czech Republic. OELs. Government Decree 361

Components	Type	Value
Diacetone alcohol (CAS 123-42-2)	Ceiling	300 mg/m3
	TWA	200 mg/m3
Ethylbenzene (CAS 100-41-4)	Ceiling	500 mg/m3
	TWA	200 mg/m3
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	Ceiling	550 mg/m3
	TWA	270 mg/m3

Denmark. Exposure Limit Values

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	TLV	240 mg/m3	

Denmark. Exposure Limit Values

Components	Type	Value	Form
Ethylbenzene (CAS 100-41-4)	TLV	50 ppm 217 mg/m3	
Kaolin (CAS 1332-58-7)	TLV	50 ppm	Respirable.
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TLV	2 mg/m3 275 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TLV	50 ppm 6 mg/m3	

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	STEL	240 mg/m3	
	TWA	50 ppm 120 mg/m3 25 ppm	
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
	TWA	200 ppm 442 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	100 ppm 550 mg/m3	
	TWA	100 ppm 275 mg/m3	
Silica, amorphous (CAS 7631-86-9)	TWA	50 ppm 2 mg/m3	Respirable dust.
Titanium dioxide (CAS 13463-67-7)	TWA	5 mg/m3	

Finland. Workplace Exposure Limits

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	STEL	360 mg/m3	
	TWA	75 ppm 240 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	50 ppm 880 mg/m3	
	TWA	200 ppm 220 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	50 ppm 2 mg/m3	Respirable.
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3	
	TWA	100 ppm 270 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	50 ppm 10 mg/m3	Dust.

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Diacetone alcohol (CAS 123-42-2)	VME	240 mg/m3
Ethylbenzene (CAS 100-41-4)	VLE	50 ppm 442 mg/m3 100 ppm

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	VME	88,4 mg/m3 20 ppm
	VLE	550 mg/m3
	VME	100 ppm 275 mg/m3
Titanium dioxide (CAS 13463-67-7)	VME	50 ppm 10 mg/m3

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
Aluminium hydroxide (CAS 21645-51-2)	TWA	4 mg/m3	Inhalable fraction.
Diacetone alcohol (CAS 123-42-2)	TWA	1,5 mg/m3	Respirable fraction.
		96 mg/m3	
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm	
		88 mg/m3	
Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)	TWA	20 ppm	Inhalable fraction.
		10 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	270 mg/m3	
Silica, amorphous (CAS 7631-86-9)	TWA	50 ppm	Inhalable fraction.
		4 mg/m3	
Synthetic Amorphous Silica (CAS 112945-52-5)	TWA	4 mg/m3	Inhalable fraction.

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	AGW	96 mg/m3	
		20 ppm	
Ethylbenzene (CAS 100-41-4)	AGW	88 mg/m3	
		20 ppm	
Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)	AGW	10 mg/m3	Inhalable fraction.
		1 mg/m3	
Methyl Ethyl Ketoxime (CAS 96-29-7)	AGW	0,3 ppm	
		270 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	AGW	50 ppm	Inhalable fraction.
		4 mg/m3	
Silica, amorphous (CAS 7631-86-9)	AGW	4 mg/m3	Inhalable fraction.

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	STEL	360 mg/m3	
	TWA	75 ppm 240 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	50 ppm 545 mg/m3	
	TWA	125 ppm 435 mg/m3	

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value	Form
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	100 ppm 550 mg/m3	
	TWA	100 ppm 275 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	50 ppm 5 mg/m3	Respirable.
		10 mg/m3	Inhalable

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
	TWA	442 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3	
	TWA	275 mg/m3	

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	TWA	240 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	50 ppm 884 mg/m3	
	TWA	200 ppm 200 mg/m3	
Kaolin (CAS 1332-58-7) Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	50 ppm 2 mg/m3	Respirable dust.
	STEL	550 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	100 ppm 275 mg/m3	
		50 ppm 6 mg/m3	

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	TWA	240 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	50 ppm 884 mg/m3	
	TWA	200 ppm 442 mg/m3	
Kaolin (CAS 1332-58-7) Methyl Ethyl Ketoxime (CAS 96-29-7)	TWA	100 ppm 2 mg/m3	Respirable dust.
	STEL	33 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	10 ppm 10 mg/m3	
	STEL	3 ppm 550 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	100 ppm 275 mg/m3	
		50 ppm 4 mg/m3	Respirable dust.
		10 mg/m3	Total inhalable dust.

Italy. Occupational Exposure Limits

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	TWA	50 ppm	
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
	TWA	200 ppm 442 mg/m3 100 ppm	
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3	
	TWA	100 ppm 275 mg/m3 50 ppm	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Components	Type	Value
Aluminium hydroxide (CAS 21645-51-2)	TWA	6 mg/m3
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3
	TWA	200 ppm 442 mg/m3 100 ppm
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3
	TWA	100 ppm 275 mg/m3 50 ppm
Silica, amorphous (CAS 7631-86-9)	TWA	1 mg/m3
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Components	Type	Value
Aluminium hydroxide (CAS 21645-51-2)	TWA	6 mg/m3
Diacetone alcohol (CAS 123-42-2)	STEL	240 mg/m3
	TWA	50 ppm 120 mg/m3 25 ppm
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3
	TWA	200 ppm 442 mg/m3 100 ppm
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	400 mg/m3
	TWA	75 ppm 250 mg/m3 50 ppm
Titanium dioxide (CAS 13463-67-7)	TWA	5 mg/m3
Zirconium dioxide (CAS 1314-23-4)	TWA	6 mg/m3

Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A

Components	Type	Value
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3
		200 ppm

Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A

Components	Type	Value
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	442 mg/m3
		100 ppm
	STEL	550 mg/m3
		100 ppm
	TWA	275 mg/m3
	50 ppm	

Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)

Components	Type	Value
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3
		200 ppm
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	442 mg/m3
		100 ppm
	STEL	550 mg/m3
		100 ppm
	TWA	275 mg/m3
	50 ppm	

Netherlands. OELs (binding)

Components	Type	Value
Ethylbenzene (CAS 100-41-4)	STEL	430 mg/m3
	TWA	215 mg/m3
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	550 mg/m3

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
Diacetone alcohol (CAS 123-42-2)	TLV	120 mg/m3
		25 ppm
Ethylbenzene (CAS 100-41-4)	TLV	20 mg/m3
		5 ppm
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TLV	270 mg/m3
		50 ppm
Titanium dioxide (CAS 13463-67-7)	TLV	5 mg/m3

Poland. MACs. Regulation regarding maximum permissible concentrations and intensities of harmful factors in the work environment, Annex 1

Components	Type	Value	Form
Aluminium hydroxide (CAS 21645-51-2)	TWA	2,5 mg/m3	Inhalable fraction.
		1,2 mg/m3	Respirable fraction.
Diacetone alcohol (CAS 123-42-2)	TWA	240 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	400 mg/m3	
	TWA	200 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	10 mg/m3	Inhalable fraction.
	TWA	10 mg/m3	
Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)			
	STEL	520 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)			
	TWA	260 mg/m3	

Poland. MACs. Regulation regarding maximum permissible concentrations and intensities of harmful factors in the work environment, Annex 1

Components	Type	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	Inhalable fraction.

Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)

Components	Type	Value	
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
	TWA	200 ppm 442 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	100 ppm 550 mg/m3	
	TWA	100 ppm 275 mg/m3 50 ppm	

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	TWA	50 ppm	
Ethylbenzene (CAS 100-41-4)	STEL	125 ppm	
	TWA	100 ppm	
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	STEL	250 mg/m3	
	TWA	53 ppm 150 mg/m3 32 ppm	
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
	TWA	200 ppm 442 mg/m3 100 ppm	
Kaolin (CAS 1332-58-7) Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	2 mg/m3	Inhalable fraction.
	STEL	550 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	100 ppm 275 mg/m3 50 ppm	
	STEL	15 mg/m3	
	TWA	10 mg/m3	

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value	Form
Aluminium hydroxide (CAS 21645-51-2)	TWA	4 mg/m3	Inhalable fraction.
		1,5 mg/m3	Respirable fraction.
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3	
	TWA	200 ppm 442 mg/m3 100 ppm	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3	
	TWA	100 ppm 275 mg/m3	

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	50 ppm 5 mg/m3	

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	TWA	240 mg/m3	
Ethylbenzene (CAS 100-41-4)	TWA	50 ppm 442 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	100 ppm 275 mg/m3	
Silica, amorphous (CAS 7631-86-9)	TWA	50 ppm 4 mg/m3	Inhalable fraction.

Spain. Occupational Exposure Limits

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	TWA	241 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	50 ppm 884 mg/m3	
	TWA	200 ppm 441 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	100 ppm 2 mg/m3	Respirable fraction.
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3	
	TWA	100 ppm 275 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	50 ppm 10 mg/m3	

Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	STEL	240 mg/m3	
	TWA	50 ppm 120 mg/m3	
Ethylbenzene (CAS 100-41-4)	Ceiling	25 ppm 884 mg/m3	
	TWA	200 ppm 220 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	Ceiling	50 ppm 550 mg/m3	
	TWA	100 ppm 275 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	50 ppm 5 mg/m3	Total dust.

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value	Form
Aluminium hydroxide (CAS 21645-51-2)	TWA	3 mg/m3	Respirable dust.
Diacetone alcohol (CAS 123-42-2)	STEL	192 mg/m3	

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value	Form
Ethylbenzene (CAS 100-41-4)	TWA	40 ppm 96 mg/m3	
	STEL	20 ppm 220 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	50 ppm 220 mg/m3	Respirable dust. Inhalable dust.
	STEL	50 ppm 3 mg/m3	
Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)	TWA	10 mg/m3	Inhalable dust.
	STEL	275 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	50 ppm 275 mg/m3	Respirable dust.
	STEL	50 ppm 3 mg/m3	

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
Diacetone alcohol (CAS 123-42-2)	STEL	362 mg/m3	
	TWA	75 ppm 241 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	50 ppm 552 mg/m3	
	TWA	125 ppm 441 mg/m3	Respirable dust.
Kaolin (CAS 1332-58-7)	TWA	100 ppm 2 mg/m3	
	STEL	548 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	100 ppm 274 mg/m3	Respirable.
	TWA	50 ppm 4 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	Inhalable

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

Components	Type	Value
Ethylbenzene (CAS 100-41-4)	STEL	884 mg/m3
	TWA	200 ppm 442 mg/m3
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	100 ppm 550 mg/m3
	TWA	100 ppm 275 mg/m3 50 ppm

Biological limit values

Croatia. BLV. Dangerous Substance Exposure Limit Values at Workplace, Annexes 4 (as amended)

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	1,5 g/g	Mandelic acid	Creatinine in urine	*
	1,5 mg/l	Ethylbenzene	Blood	*

Croatia. BLV. Dangerous Substance Exposure Limit Values at Workplace, Annexes 4 (as amended)

Components	Value	Determinant	Specimen	Sampling time
	1,12 mol/mol	Mandelic acid	Creatinine in urine	*
	83,2 nmol/l	Ethylbenzene	End-exhaled air	*
	2 ppm	Ethylbenzene	End-exhaled air	*
	14,13 umol/l	Ethylbenzene	Blood	*

* - For sampling details, please see the source document.

Czech Republic. Limit Values for Indicators of Biological Exposure Tests in Urine and Blood, Annex 2, Tables 1 and 2, Government Decree 432/2003 Sb.

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	1100 µmol/mmol	Mandelic acid	Creatinine in urine	*
	1500 mg/g	Mandelic acid	Creatinine in urine	*

* - For sampling details, please see the source document.

Finland. HTP-arvot, App 2., Biological Limit Values, (BRA/BGV) , Social Affairs and Ministry of Health

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	5,2 mmol/l	Mandelic acid	Urine	*

* - For sampling details, please see the source document.

France. Biological indicators of exposure (IBE) (National Institute for Research and Security (INRS, ND 2065)

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	1500 mg/g	Acide mandélique	Creatinine in urine	*

* - For sampling details, please see the source document.

Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	300 mg/l	Mandelsäure plus Phenylglyoxylsäure	Urine	*

* - For sampling details, please see the source document.

Hungary. Chemical Safety at Workplace Ordinance Joint Decree No. 25/2000 (Annex 2): Permissible limit values of biological exposure (effect) indices

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	1500 mg/g	mandelic acid	Creatinine in urine	*
	1110 µmol/mmol	mandelic acid	Creatinine in urine	*

* - For sampling details, please see the source document.

Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	8,03 mg/g	2-ethylphenol	Creatinine in urine	*
	12 mg/l	2-ethylphenol	Urine	*

* - For sampling details, please see the source document.

Spain. Biological Limit Values (VLBs), Occupational Exposure Limits for Chemical Agents, Table 4

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	700 mg/g	Suma del ácido mandélico y el ácido fenilgloxílico	Creatinine in urine	*

* - For sampling details, please see the source document.

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components	Value	Determinant	Specimen	Sampling time
Ethylbenzene (CAS 100-41-4)	800 mg/l	Mandelsäure plus Phenylglyoxylsäure	Urine	*

* - For sampling details, please see the source document.

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

Exposure guidelines**EU Exposure Limit Values: Skin designation**

Ethylbenzene (CAS 100-41-4) Can be absorbed through the skin.

Propylene glycol monomethyl ether acetate (CAS 108-65-6) Can be absorbed through the skin.

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Diacetone alcohol (CAS 123-42-2) Can be absorbed through the skin.

Ethylbenzene (CAS 100-41-4) Can be absorbed through the skin.

Propylene glycol monomethyl ether acetate (CAS 108-65-6) Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering controls Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

General information Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

- Hand protection Wear appropriate chemical resistant gloves.

- Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

Environmental exposure controls Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Appearance**

Physical state Liquid.

Form Liquid.

Colour Pink, White, or Grey.

Odour Mild.

Odour threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range	136,11 - 251,67 °C (277 - 485 °F)
Flash point	4,8 - 40,6 °C (40,6 - 105,0 °F)
Evaporation rate	< 1 (BuAc = 1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	1,1 %
Flammability limit - upper (%)	7 %
Vapour pressure	Not available.
Vapour density	> 1 (Air = 1)
Relative density	> 1 @ 70°C
Solubility(ies)	
Solubility (water)	Negligible
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2. Other information	
VOC	30,83 %

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
10.5. Incompatible materials	Strong oxidising agents.
10.6. Hazardous decomposition products	Carbon oxides.

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Symptoms Aspiration may cause pulmonary oedema and pneumonitis. Narcosis. Behavioural changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis. Rash.

11.1. Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

Components	Species	Test results
Diacetone alcohol (CAS 123-42-2)		
Acute		
Dermal		
LD50	Rat	> 1875 mg/kg, 24 Hours

Components	Species	Test results
Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)		
Acute		
Dermal		
LD50	Rat	2000 mg/kg
Methyl Ethyl Ketoxime (CAS 96-29-7)		
Acute		
Dermal		
LD50	Rabbit	> 1000 mg/kg, 24 Hours
Inhalation		
<i>Vapour</i>		
LC50	Rat	> 4,83 mg/l, 4 Hours
Oral		
LD50	Rat	> 900 mg/kg
Titanium dioxide (CAS 13463-67-7)		
Acute		
Inhalation		
LC50	Rat	> 2,28 mg/l, 4 Hours
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.	
Serious eye damage/eye irritation	Causes serious eye damage.	
Respiratory sensitisation	Not a respiratory sensitizer.	
Skin sensitisation	May cause an allergic skin reaction.	
Germ cell mutagenicity	May cause genetic defects.	
Carcinogenicity	Suspected of causing cancer.	
ACGIH Carcinogens		
Ethylbenzene (CAS 100-41-4)		Confirmed animal carcinogen with unknown relevance to humans. A3
Kaolin (CAS 1332-58-7)		Not classifiable as a human carcinogen. A4
Titanium dioxide (CAS 13463-67-7)		Not classifiable as a human carcinogen. A4
Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)		
Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)		
IARC Monographs. Overall Evaluation of Carcinogenicity		
Ethylbenzene (CAS 100-41-4)		2B Possibly carcinogenic to humans.
Silica, amorphous (CAS 7631-86-9)		3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)		2B Possibly carcinogenic to humans.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Causes damage to organs (Central nervous system) through prolonged or repeated exposure.	
Aspiration hazard	May be fatal if swallowed and enters airways.	
Mixture versus substance information	No information available.	
Other information	Symptoms may be delayed.	

SECTION 12: Ecological information

12.1. Toxicity Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard. Due to partial or complete lack of data the classification for hazardous to the aquatic environment, long term hazard, is not possible.

Components	Species	Test results
Diacetone alcohol (CAS 123-42-2)		
Aquatic		
Fish	LC50 Bluegill (<i>Lepomis macrochirus</i>)	420 mg/l, 96 hours
Ethylbenzene (CAS 100-41-4)		
Aquatic		
Crustacea	EC50 Water flea (<i>Daphnia magna</i>)	1,37 - 4,4 mg/l, 48 hours

Components	Species	Test results
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 7,5 - 11 mg/l, 96 hours
Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)		
Aquatic		
Fish	LC50	Channel catfish (<i>Ictalurus punctatus</i>) 0,009 - 0,015 mg/l, 96 hours
Methyl Ethyl Ketoxime (CAS 96-29-7)		
Aquatic		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 777 - 914 mg/l, 96 hours
Titanium dioxide (CAS 13463-67-7)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia magna</i>) > 1000 mg/l, 48 hours
Fish	LC50	Mummichog (<i>Fundulus heteroclitus</i>) > 1000 mg/l, 96 hours

12.2. Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Diacetone alcohol	-0,098
Ethylbenzene	3,15
Methyl Benzimidazole-2-yl Carbamate	1,52

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment Not available.

12.6. Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential.

12.7. Additional information

Estonia Dangerous substances in groundwater Data

Ethylbenzene (CAS 100-41-4)	Ethylbenzene 0,5 ug/l Ethylbenzene 50 ug/l
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Estonia Dangerous substances in soil Data

Ethylbenzene (CAS 100-41-4)	Ethylbenzene 0,1 mg/kg Ethylbenzene 5 mg/kg Ethylbenzene 50 mg/kg
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number	UN1993
14.2. UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa) (Propylene glycol monomethyl ether acetate)
14.3. Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Hazard No. (ADR)	33
Tunnel restriction code	D/E

14.4. Packing group II
14.5. Environmental hazards No.
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

RID

14.1. UN number UN1993
14.2. UN proper shipping name FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa) (Propylene glycol monomethyl ether acetate)
14.3. Transport hazard class(es)
Class 3
Subsidiary risk -
Label(s) 3
14.4. Packing group II
14.5. Environmental hazards No.
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

ADN

14.1. UN number UN1993
14.2. UN proper shipping name FLAMMABLE LIQUID, N.O.S. (Propylene glycol monomethyl ether acetate)
14.3. Transport hazard class(es)
Class 3
Subsidiary risk -
Label(s) 3
14.4. Packing group II
14.5. Environmental hazards No.
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

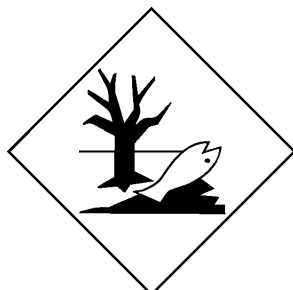
14.1. UN number UN1993
14.2. UN proper shipping name Flammable liquid, n.o.s. (Propylene glycol monomethyl ether acetate)
14.3. Transport hazard class(es)
Class 3
Subsidiary risk -
14.4. Packing group II
14.5. Environmental hazards Yes
ERG Code 3H
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Other information
Passenger and cargo aircraft Allowed with restrictions.
Cargo aircraft only Allowed with restrictions.

IMDG

14.1. UN number UN1993
14.2. UN proper shipping name FLAMMABLE LIQUID, N.O.S. (Propylene glycol monomethyl ether acetate), MARINE POLLUTANT
14.3. Transport hazard class(es)
Class 3
Subsidiary risk -
14.4. Packing group II
14.5. Environmental hazards
Marine pollutant Yes
EmS F-E, S-E
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Methyl Benzimidazole-2-yl Carbamate
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.



Marine pollutant



SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Ethylbenzene (CAS 100-41-4)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Ethylbenzene (CAS 100-41-4)

Methyl Benzimidazole-2-yl Carbamate (CAS 10605-21-7)

Propylene glycol monomethyl ether acetate (CAS 108-65-6)

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended. According to Directive 92/85/EEC as amended, pregnant women should not work with the product, if there is the least risk of exposure.

National regulations	Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended.
	Follow national regulation on the protection of workers from the risks of exposure to carcinogens and mutagens at work, in accordance with Directive 2004/37/EC.
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.
SECTION 16: Other information	
List of abbreviations	Not available.
References	Not available.
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any H-statements not written out in full under Sections 2 to 15	<p>H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H340 May cause genetic defects. H351 Suspected of causing cancer. H360FD May damage fertility. May damage the unborn child. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.</p>
Revision information	Product and Company Identification: Alternate Trade Names Physical & Chemical Properties: Multiple Properties Regulatory Information: Risk Phrases - Labeling
Training information	Follow training instructions when handling this material.
Disclaimer	ITW Pro Brands cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. 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.