

SAFETY DATA SHEET

Version #: 04

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

1.1. Product identifier

Trade name or designation of the mixture DEVCON® Ultra Quartz™ Surface Primer Hardener

Registration number -

Synonyms None.

SKU# 8675 (Hardener)

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

Identified uses Not available.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company Name ITW Performance Polymers

Address Bay 150
Shannon Industrial Estate
Co. Clare
Ireland
V14 DF82

Contact Person Customer Service

Telephone Number 353(61)771500
353(61)471285

Email customerservice.shannon@itwpp.com

Emergency Phone Number 44(0) 1235 239 670 (24 hours)

1.4. Emergency telephone number

General in EU 112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Austria National Poisons Information Center +431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Belgium National Poisons Control Center 070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Bulgaria National Toxicological Information Center +359 2 9154 233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Croatia Poisons Information Center +385 1 2348 342 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

Cyprus Poison Center 1401 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Czech Republic National Poisons Information Center +420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

Denmark National Poisons Control Center +45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Estonia National Poisons Information Center 16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)

Finland National Poison Information Center (09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

France National Poisons Control Center ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

1.4. Emergency telephone number

Greece Poison Information Centre	(0030) 2107793777 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Hungary National Emergency Phone Number	+36-80-201-199 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Iceland Poison Center	(+354) 543 2222 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Latvia Emergency medical aid	113
Latvia Poison and Drug Information Center	+371 67042473 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Lithuania Neatidėliotina informacija apsinuodijus	+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Malta Accident and Emergency Department	2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)
Netherlands National Poisons Information Center (NVIC)	NVIC: +31 (0)88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)
Norway Norwegian Poison Information Center	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Portugal Poison Center	800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Romania Biroul RSI si Informare Toxicologica	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
Slovakia National Toxicological Information Center	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Spain Toxicology Information Service	+ 34 91 562 04 20 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Sweden National Poison Information Center	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Switzerland Tox Info Suisse	145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

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

Health hazards

Acute toxicity, oral	Category 4	H302 - Harmful if swallowed.
Acute toxicity, dermal	Category 4	H312 - Harmful in contact with skin.
Skin corrosion/irritation	Category 1B	H314 - Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.
Germ cell mutagenicity	Category 2	H341 - Suspected of causing genetic defects.
Specific target organ toxicity - repeated exposure	Category 2	H373 - May cause damage to organs through prolonged or repeated exposure.

Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.
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2.2. Label elements

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

UFI:

Austria: PH80-Y04T-V00R-9JT2
Belgium: PH80-Y04T-V00R-9JT2
Bulgaria: PH80-Y04T-V00R-9JT2
Croatia: PH80-Y04T-V00R-9JT2
Cyprus: PH80-Y04T-V00R-9JT2
Czech Republic: PH80-Y04T-V00R-9JT2
Denmark: PH80-Y04T-V00R-9JT2
Estonia: PH80-Y04T-V00R-9JT2
EU: PH80-Y04T-V00R-9JT2
Finland: PH80-Y04T-V00R-9JT2
France: PH80-Y04T-V00R-9JT2
Germany: PH80-Y04T-V00R-9JT2
Greece: PH80-Y04T-V00R-9JT2
Hungary: PH80-Y04T-V00R-9JT2
Iceland: PH80-Y04T-V00R-9JT2
Ireland: PH80-Y04T-V00R-9JT2
Italy: PH80-Y04T-V00R-9JT2
Latvia: PH80-Y04T-V00R-9JT2
Lithuania: PH80-Y04T-V00R-9JT2
Luxembourg: PH80-Y04T-V00R-9JT2
Malta: PH80-Y04T-V00R-9JT2
Netherlands: PH80-Y04T-V00R-9JT2
Norway: PH80-Y04T-V00R-9JT2
Poland: PH80-Y04T-V00R-9JT2
Portugal: PH80-Y04T-V00R-9JT2
Romania: PH80-Y04T-V00R-9JT2
Slovakia: PH80-Y04T-V00R-9JT2
Slovenia: PH80-Y04T-V00R-9JT2
Spain: PH80-Y04T-V00R-9JT2
Sweden: PH80-Y04T-V00R-9JT2

Contains:

Aliphatic Amine, phenol; carboic acid; monohydroxybenzene; phenylalcohol,
TRIMETHYLHEXAMETHYLENEDIAMINE

Hazard pictograms



Signal word

Danger

Hazard statements

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H341	Suspected of causing genetic defects.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe mist/vapors.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

P330	Rinse mouth.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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 CENTER/doctor.
P362 + P364	Take off contaminated clothing and wash it before reuse.

Storage

P405

Store locked up.

Disposal

P501

Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information None.**2.3. Other hazards**

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Aliphatic Amine	50 - < 60	N/A	-	-	
Classification: -					
TRIMETHYLHEXAMETHYLENEDIAMINE	30 - < 40	25620-58-0 247-134-8	-	-	
Classification: Skin Corr. 1C;H314, Eye Dam. 1;H318					
phenol; carboic acid; monohydroxybenzene; phenylalcohol	10 - < 20	108-95-2 203-632-7	-	604-001-00-2	#
Classification: Acute Tox. 3;H301;(ATE: 100 mg/kg bw), Acute Tox. 3;H311;(ATE: 300 mg/kg bw), Acute Tox. 3;H331;(ATE: 0,5 mg/l), Skin Corr. 1B;H314, Eye Dam. 1;H318, Muta. 2;H341, STOT RE 2;H373, Aquatic Chronic 2;H411					
Specific Concentration Limits: Skin Corr. 1B;H314: C ≥ 3 %, Skin Irrit. 2;H315: 1 % ≤ C < 3 %, Eye Dam. 1;H314: C ≥ 3 %, Eye Irrit. 2;H319: 1 % ≤ C < 3 %					

List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

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

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures**General information**

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.

4.1. Description of first aid measures**Inhalation**

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

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

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. Call a physician or poison control center immediately.

Ingestion

Call a physician or poison control center 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

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. 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. Chemical 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 warm. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures**General fire hazards**

Combustible liquid.

5.1. Extinguishing media**Suitable extinguishing media**

Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

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	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. 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	Do not breathe mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
For emergency responders	Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains.

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.

6.4. Reference to other sections For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

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. Keep away from open flames, hot surfaces and sources of ignition. Do not breathe mist/vapors. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. 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. Store in a cool, dry place out of direct sunlight. Store in 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)	Observe industrial sector guidance on best practices.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

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

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	MAK	8 mg/m ³
		2 ppm
	STEL	6 mg/m ³
		4 ppm

Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Croatia. OELs (GVI). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and Biological Limit Values, Annex I (NN 91/2018), as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	MAC	8 mg/m3
	STEL	2 ppm
		6 mg/m3
		4 ppm

Cyprus. OELs. Occupational Exposure Limit Values of Chemicals at Work (Safety and Health at Work (Chem. Agents) Reg., Ann. 1, R.A.A. 268/2001, as amended)

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	Ceiling	15 mg/m3
	TWA	7,5 mg/m3

Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	TLV	4 mg/m3
		1 ppm

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

France. OELs. Occupational Exposure Limits as Prescribed by Art. R.4412-149 of Labor Code, as amended

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	VLE	15,6 mg/m3
	VME	4 ppm
		7,8 mg/m3
		2 ppm

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

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	VLE	15,6 mg/m3
	VME	4 ppm
		7,8 mg/m3
Regulatory status: Regulatory binding (VRC)		2 ppm
Regulatory status: Regulatory binding (VRC)		
Regulatory status: Regulatory binding (VRC)		
Regulatory status: Regulatory binding (VRC)		

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

Components	Type	Value	Form
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	AGW	8 mg/m3	Vapor and aerosol.
		2 ppm	Vapor and aerosol.

Greece. OELs, Presidential Decree No. 307/1986, as amended

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Hungary. OELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 1&2, as amended

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	8 mg/m3

Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Luxembourg. OELs. Binding Occupational Exposure Limit Values (Annex I), G.D.R. of 14 November 2016, OJ Memorial A, n ° 235/2016, as amended

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Malta. OELs. Protection of Health and Safety of Workers from Risks related to Chemical Agents at Work (L.N 227/2003 Schedules I and V), as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant no. 252, 29 December 2006), as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	TWA	8 mg/m3

Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	12 mg/m3
	TLV	3 ppm
		4 mg/m3
		1 ppm

Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	7,8 mg/m3

Portugal. Decree-Law No. 24/2012, Occupational Exposure Limit Values, Annex II, as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3
		2 ppm

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796-2014)

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	TWA	5 ppm

Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm
		8 mg/m3

Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)

Components	Type	Value
		2 ppm

Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm 8 mg/m3 2 ppm

Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Annex I), as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	TWA	8 mg/m3
		2 ppm

Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
	TWA	4 ppm 8 mg/m3 2 ppm

Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	Ceiling	16 mg/m3
	TWA	4 ppm 4 mg/m3 1 ppm

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte

Components	Type	Value	Form
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	19 mg/m3	Vapor and aerosol.
	TWA	5 ppm 19 mg/m3 5 ppm	Vapor and aerosol. Vapor and aerosol. Vapor and aerosol.

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

Components	Type	Value
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m3
		4 ppm

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

Components	Type	Value
	TWA	7,8 mg/m ³ 2 ppm

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU

Components	Type	Value
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	STEL	16 mg/m ³
	TWA	4 ppm 8 mg/m ³ 2 ppm

Biological limit values
Croatia. BELs (BGV). Regulation on Protection of Workers against Exposure to Dangerous Chemicals at Work, OELs and BELs, Annex IV (NN 91/2018), as amended

Components	Value	Determinant	Specimen	Sampling Time
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	120 mg/g	phenol	Creatinine in urine	*
	0,14 mol/mol	phenol	Creatinine in urine	*

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

Czech Republic. BELs. Government Decree 432/2003 Sb., as amended

Components	Value	Determinant	Specimen	Sampling Time
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	360 µmol/mmol	phenol	Creatinine in urine	*
	300 mg/g	phenol	Creatinine in urine	*

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

Finland. HTP-arvot, App 2., Biological Limit Values, Social Affairs and Ministry of Health

Components	Value	Determinant	Specimen	Sampling Time
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	1,3 mmol/l	Total phenol	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
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	250 mg/g	Phénol total	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
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	120 mg/g	Phenol (nach Hydrolyse)	Creatinine in urine	*

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

Hungary. BELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 3&4, as amended

Components	Value	Determinant	Specimen	Sampling Time
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	144 µmol/mmol	phenol	Creatinine in urine	*

Hungary. BELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 3&4, as amended

Components	Value	Determinant	Specimen	Sampling Time
	120 mg/g	phenol	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
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	133,7 mg/g	phenol	Creatinine in urine	*
	200 mg/l	phenol	Urine	*

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

Spain. BELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 3-Valores Límite Biológicos (VLB)

Components	Value	Determinant	Specimen	Sampling Time
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	120 mg/g	Fenol, con hidrólisis	Creatinine in urine	*

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

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle BAT-Werte

Components	Value	Determinant	Specimen	Sampling Time
phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	250 mg/g	Phenol	Creatinine in 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**Austria MAK: Skin designation**

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

Belgium OELs: Skin designation

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

Bulgaria OELs: Skin designation

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

Czech Republic PELs: Skin designation

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

Denmark GV: Skin designation

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

Estonia OELs: Skin designation

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

EU Exposure Limit Values: Skin designation

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

Finland Exposure Limit Values: Skin designation

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

France INRS: Skin designation

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2) Can be absorbed through the skin.

France Mandatory OELs (VLEP): Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Germany DFG MAK (advisory): Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Germany TRGS 900 Limit Values: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Greece OEL: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Hungary OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Ireland Exposure Limit Values: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Italy OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Danger of cutaneous absorption

Latvia OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Lithuania OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Luxembourg OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Malta OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Netherlands OELs (binding): Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Norway Exposure Limit Values: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Portugal OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Portugal VLEs Norm on Occupational Exposure: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Romania OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Slovakia OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

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)

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Spain OELs: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Sweden Threshold Limit Values: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

Switzerland SUVA Limit Values at the Workplace: Skin designation

phenol; carbolic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

UK EH40 WEL: Skin designation

phenol; carboic acid; monohydroxybenzene;
phenylalcohol (CAS 108-95-2)

Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation 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. Eye wash facilities and emergency shower must be available when handling this product.

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

Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

- Hand protection

Wear appropriate chemical resistant gloves.

- Other

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

Respiratory protection

Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. 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.

Environmental exposure controls

Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Form	Liquid.
Color	Amber
Odor	Irritating.
Melting point/freezing point	105,64 °F (40,91 °C) estimated
Boiling point or initial boiling point and boiling range	Not available.
Flammability	Not applicable.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	3 % estimated
Explosive limit - upper (%)	10 % estimated
Flash point	255,2 °F (124,0 °C)
Auto-ignition temperature	1319 °F (715 °C) estimated
Decomposition temperature	Not available.
pH	Not available.
Kinematic viscosity	Not available.
Solubility	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water) (log value)	Not available.
Vapor pressure	0,28 hPa estimated
Density and/or relative density	
Density	0,99 g/cm3
Vapor density	Not available.
Particle characteristics	Not available.

9.2. Other information

9.2.1. Information with regard to physical hazard classes No relevant additional information available.

9.2.2. Other safety characteristics

Specific gravity 0,99
VOC 7,5 % estimated

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 Acids. Strong oxidizing agents. Aluminum. Peroxides. Phenols.
10.6. Hazardous decomposition products No hazardous decomposition products are known.

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 irritation to the respiratory system. Prolonged inhalation may be harmful.
Skin contact Causes severe skin burns. Harmful in contact with skin.
Eye contact Causes serious eye damage.
Ingestion Causes digestive tract burns. Harmful if swallowed.

Symptoms Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

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

Acute toxicity Harmful in contact with skin. Harmful if swallowed.

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory sensitization Due to partial or complete lack of data the classification is not possible.

Skin sensitization Due to partial or complete lack of data the classification is not possible.

Germ cell mutagenicity Suspected of causing genetic defects.

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

phenol; carbolic acid; monohydroxybenzene; Mutagenic, Category 2.
phenylalcohol (CAS 108-95-2)

Carcinogenicity Due to partial or complete lack of data the classification is not possible.

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)

IARC Monographs. Overall Evaluation of Carcinogenicity

phenol; carbolic acid; monohydroxybenzene; 3 Not classifiable as to carcinogenicity to humans.
phenylalcohol (CAS 108-95-2)

Reproductive toxicity Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity - single exposure Not applicable.

Specific target organ toxicity - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Due to partial or complete lack of data the classification is not possible.

Mixture versus substance information No information available.

11.2. Information on other hazards

Endocrine disrupting properties	This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
Other information	Not available.

SECTION 12: Ecological information

12.1. Toxicity	Harmful to aquatic life with long lasting effects. Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard.
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)	
phenol; carbolic acid; monohydroxybenzene; phenylalcohol	1,46
Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.
12.6. Endocrine disrupting properties	This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
12.7. Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
12.8. Additional information	
Estonia Dangerous substances in soil Data	
phenol; carbolic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)	Hydroxybenzene (As the sum of Phenols) 0,1 MG/KG
	Hydroxybenzene (As the sum of Phenols) 1 MG/KG
	Hydroxybenzene (As the sum of Phenols) 10 MG/KG

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. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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	UN2735
14.2. UN proper shipping name	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (TRIMETHYLHEXAMETHYLENEDIAMINE)
14.3. Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Hazard No. (ADR)	80
Tunnel restriction code	E
14.4. Packing group	III
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	UN2735
14.2. UN proper shipping name	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
14.3. Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
14.4. Packing group	III
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	UN2735
14.2. UN proper shipping name	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
14.3. Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
14.4. Packing group	III
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	UN2735
14.2. UN proper shipping name	Amines, liquid, corrosive, n.o.s. (TRIMETHYLHEXAMETHYLENEDIAMINE), Limited Quantity
14.3. Transport hazard class(es)	
Class	8
Subsidiary risk	-
14.4. Packing group	III
14.5. Environmental hazards	No.
ERG Code	8L
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.

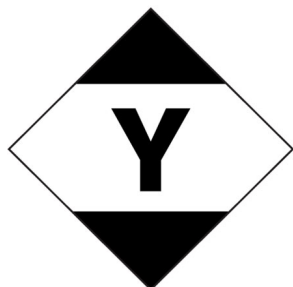
IMDG

14.1. UN number	UN2735
14.2. UN proper shipping name	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S. (TRIMETHYLHEXAMETHYLENEDIAMINE), Limited Quantity
14.3. Transport hazard class(es)	
Class	8
Subsidiary risk	-
14.4. Packing group	III
14.5. Environmental hazards	
Marine pollutant	No.
EmS	F-A, S-B
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
14.7. Maritime transport in bulk according to IMO instruments	Not established.

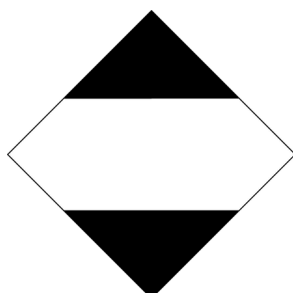
ADN; ADR; RID



IATA



IMDG



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 (EU) 2019/1021 On persistent organic pollutants (recast), 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

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)

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

Not listed.

UFI:

Austria: PH80-Y04T-V00R-9JT2
Belgium: PH80-Y04T-V00R-9JT2
Bulgaria: PH80-Y04T-V00R-9JT2
Croatia: PH80-Y04T-V00R-9JT2
Cyprus: PH80-Y04T-V00R-9JT2
Czech Republic: PH80-Y04T-V00R-9JT2
Denmark: PH80-Y04T-V00R-9JT2
Estonia: PH80-Y04T-V00R-9JT2
EU: PH80-Y04T-V00R-9JT2
Finland: PH80-Y04T-V00R-9JT2
France: PH80-Y04T-V00R-9JT2
Germany: PH80-Y04T-V00R-9JT2
Greece: PH80-Y04T-V00R-9JT2
Hungary: PH80-Y04T-V00R-9JT2
Iceland: PH80-Y04T-V00R-9JT2
Ireland: PH80-Y04T-V00R-9JT2
Italy: PH80-Y04T-V00R-9JT2
Latvia: PH80-Y04T-V00R-9JT2
Lithuania: PH80-Y04T-V00R-9JT2
Luxembourg: PH80-Y04T-V00R-9JT2
Malta: PH80-Y04T-V00R-9JT2
Netherlands: PH80-Y04T-V00R-9JT2
Norway: PH80-Y04T-V00R-9JT2
Poland: PH80-Y04T-V00R-9JT2
Portugal: PH80-Y04T-V00R-9JT2
Romania: PH80-Y04T-V00R-9JT2
Slovakia: PH80-Y04T-V00R-9JT2
Slovenia: PH80-Y04T-V00R-9JT2
Spain: PH80-Y04T-V00R-9JT2
Sweden: PH80-Y04T-V00R-9JT2

Authorizations

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
- Conditions of restriction given for the associated entry number should be considered

Not listed.

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

phenol; carboic acid; monohydroxybenzene; phenylalcohol (CAS 108-95-2)

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.

National regulations

According to Directive 92/85/EEC as amended, pregnant women should not work with the product, if there is the least risk of exposure.

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 for work with chemical agents in accordance with Directive 98/24/EC, as amended.

France regulations

France INRS Table of Occupational Diseases

Not regulated.

Product registration number

Austria	UFI: PH80-Y04T-V00R-9JT2
Belgium	UFI: PH80-Y04T-V00R-9JT2
Czech Republic	UFI: PH80-Y04T-V00R-9JT2
Denmark	UFI: PH80-Y04T-V00R-9JT2
European Union	UFI: PH80-Y04T-V00R-9JT2
Finland	UFI: PH80-Y04T-V00R-9JT2
France	UFI: PH80-Y04T-V00R-9JT2
Germany	UFI: PH80-Y04T-V00R-9JT2
Greece	UFI: PH80-Y04T-V00R-9JT2
Hungary	UFI: PH80-Y04T-V00R-9JT2
Italy	UFI: PH80-Y04T-V00R-9JT2
Netherlands	UFI: PH80-Y04T-V00R-9JT2
Norway	UFI: PH80-Y04T-V00R-9JT2
Poland	UFI: PH80-Y04T-V00R-9JT2

Portugal
Slovakia
Slovenia
Spain
Sweden
Switzerland

UFI: PH80-Y04T-V00R-9JT2
UFI: PH80-Y04T-V00R-9JT2
UFI: PH80-Y04T-V00R-9JT2
UFI: PH80-Y04T-V00R-9JT2
UFI: PH80-Y04T-V00R-9JT2
UFI: PH80-Y04T-V00R-9JT2

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
IATA: International Air Transport Association.
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
IMDG: International Maritime Dangerous Goods.
MAC: Maximum Allowed Concentration.
MARPOL: International Convention for the Prevention of Pollution from Ships.
PBT: Persistent, bioaccumulative and toxic.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
TLV: Threshold Limit Value.
TWA: Time Weighted Average.
VLE: Exposure Limit Value.
VME: Exposure Average Value.
vPvB: Very persistent and very bioaccumulative.

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 statements, which are not written out in full under sections 2 to 15

H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H341 Suspected of causing genetic defects.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Revision information

None.

Training information

Follow training instructions when handling this material.

Disclaimer

ITW Performance Polymers 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 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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.