

SAFETY DATA SHEET

Version #: 01

Issue date: 08-15-2023

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

1.1. Product identifier

Trade name or designation of the mixture Mazel Release Agent

Registration number -

Synonyms None.

SKU# X0155A

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

Supplier

Company name ITW Performance Polymers

Address Bay 150
Shannon Industrial Estate
Co. Clare, Ireland

Division

Telephone Phone 353(61)771500

e-mail customerservice.shannon@itwpp.com

Contact person Not available.

1.4. Emergency telephone number Emergency Number 44(0)1235 239 670

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.)

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

Physical hazards

Flammable liquids	Category 3	H226 - Flammable liquid and vapor.
-------------------	------------	------------------------------------

Health hazards

Acute toxicity, dermal	Category 4	H312 - Harmful in contact with skin.
Acute toxicity, inhalation	Category 4	H332 - Harmful if inhaled.
Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.

2.2. Label elements

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

Contains: o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]

Hazard pictograms



Signal word

Warning

Hazard statements

H226	Flammable liquid and vapor.
H312	Harmful in contact with skin.
H315	Causes skin irritation.

Precautionary statements**Prevention**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P235	Keep cool.
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.
P261	Avoid breathing vapors.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response

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.
P312	Call a POISON CENTER/doctor if you feel unwell.
P332 + P313	If skin irritation 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.
-------------	--

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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	60-100%	1330-20-7 215-535-7	-	601-022-00-9	#
Classification: Flam. Liq. 3;H226, Acute Tox. 4;H312;(ATE: 1100 mg/kg bw), Acute Tox. 4;H332;(ATE: 11 mg/l), Skin Irrit. 2;H315, Aquatic Chronic 2;H411					

Other components below reportable levels

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**

Take off all contaminated clothing immediately. 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**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell.

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. 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. Get medical attention if irritation develops and persists.

Ingestion	Rinse mouth. Get medical advice/attention if you feel unwell.
4.2. Most important symptoms and effects, both acute and delayed	Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain.
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 warm. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards	Flammable liquid and vapor.
5.1. Extinguishing media	
Suitable extinguishing media	Water fog. 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	Vapors may form explosive mixtures with air. Vapors 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	Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.
For emergency responders	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Ventilate closed spaces before entering them. Avoid inhalation of vapors and spray mists. 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 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. 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.
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	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. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.
---	---

7.2. Conditions for safe storage, including any incompatibilities

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 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).

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

ANNEX 1, PART 1 Categories of dangerous substances

Hazard categories in accordance with Regulation (EC) No 1272/2008

- P5a, b or c FLAMMABLE LIQUIDS (Lower-tier requirements = 50 tons; Upper-tier requirements = 200 tons)

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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	MAK	221 mg/m3
		50 ppm
		442 mg/m3
	STEL	100 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
		221 mg/m3
	TWA	50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
		221 mg/m3
	TWA	50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	MAC	221 mg/m3
		50 ppm
		442 mg/m3
	STEL	100 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
		221 mg/m3
	TWA	

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
		50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	Ceiling	400 mg/m3
	TWA	200 mg/m3

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	TLV	109 mg/m3
		25 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	450 mg/m3
		100 ppm
	TWA	200 mg/m3
		50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	440 mg/m3
		100 ppm
	TWA	220 mg/m3
		50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	VLE	442 mg/m3
		100 ppm
	VME	221 mg/m3
		50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	VLE	442 mg/m3
Regulatory status: Regulatory binding (VRC)		100 ppm
Regulatory status: Regulatory binding (VRC)	VME	221 mg/m3
Regulatory status: Regulatory binding (VRC)		50 ppm
Regulatory status: Regulatory binding (VRC)		

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	TWA	220 mg/m3
		50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	AGW	220 mg/m3
		50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	650 mg/m3
		150 ppm
	TWA	435 mg/m3 100 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
	TWA	221 mg/m3

Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	109 mg/m3 25 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3 50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3 50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3 50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3 50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3 50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3 50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
	TWA	210 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	TLV	108 mg/m3
		25 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	200 mg/m3
	TWA	100 mg/m3

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3
		50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3
		50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3
		50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	TWA	221 mg/m3
		50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3
		50 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	Ceiling	442 mg/m3
		100 ppm
	TWA	221 mg/m3
		50 ppm

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	870 mg/m3
		200 ppm
	TWA	435 mg/m3
		100 ppm

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

Components	Type	Value
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	441 mg/m3
		100 ppm
	TWA	220 mg/m3
		50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	STEL	442 mg/m3
		100 ppm
	TWA	221 mg/m3
		50 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	1,5 g/g	Methylhippuric acids	Creatinine in urine	*
	1,5 mg/l	xylene	Blood	*
	0,88 mol/mol	Methylhippuric acids	Creatinine in urine	*
	14,13 umol/l	xylene	Blood	*

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

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

Components	Value	Determinant	Specimen	Sampling Time
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	820 µmol/mmol	Methylhippuric acids	Creatinine in urine	*
	1400 mg/g	Methylhippuric acids	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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	5 mmol/l	Methylhippuric acids	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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	1500 mg/g	Acides méthylhippuriques	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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	2000 mg/l	Methylhippur-(Tolur-) säure (alle Isomere)	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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	860 µmol/mmol	methyl hippuric acids	Creatinine in urine	*
	1500 mg/g	methyl hippuric acids	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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	1334 mg/g	Methylhippuric acids	Creatinine in urine	*
	2000 mg/l	Methylhippuric acids	Urine	*
	1,5 mg/l	xylene	Blood	*

* - 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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	1 g/g	Ácidos metilhipúricos	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
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	2 g/l	Methylhippursäuren	Urine	*

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

UK. BELs. Biological Monitoring Guidance Values (BMGVs) (EH40/2005 (Fourth Edition 2020)), Table 2

Components	Value	Determinant	Specimen	Sampling Time
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	650 mmol/mol	Methyl hippuric acid	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**

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7) Can be absorbed through the skin.

Belgium OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7) Can be absorbed through the skin.

Bulgaria OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7) Can be absorbed through the skin.

Croatia ELVs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Czech Republic PELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Denmark GV: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Estonia OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

EU Exposure Limit Values: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Finland Exposure Limit Values: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

France INRS: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

France Mandatory OELs (VLEP): Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Germany DFG MAK (advisory): Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Germany TRGS 900 Limit Values: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Greece OEL: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Hungary OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Iceland OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Ireland Exposure Limit Values: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Italy OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Danger of cutaneous absorption

Latvia OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Lithuania OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Luxembourg OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Malta OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Netherlands OELs (binding): Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Norway Exposure Limit Values: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Portugal OELs: Skin designation

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Romania OELs: Skin designationo-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Slovakia OELs: Skin designationo-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

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)o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Spain OELs: Skin designationo-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Sweden Threshold Limit Values: Skin designationo-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

Switzerland SUVA Limit Values at the Workplace: Skin designationo-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

UK EH40 WEL: Skin designationo-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]
(CAS 1330-20-7)

Can be absorbed through the skin.

8.2. Exposure controls**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation. 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. Provide eyewash station and safety shower.

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). Face shield is recommended.

Skin protection**- Hand protection**

Wear appropriate chemical resistant gloves.

- Other

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

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

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.

Environmental exposure controls

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

Clear. Blue

Odor

Slight. Pungent.

Melting point/freezing point

Not available.

Boiling point or initial boiling point and boiling range

280,4 °F (138 °C)

Flammability

Not applicable.

Flash point

86,0 °F (30,0 °C)

Auto-ignition temperature

Not available.

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	10,65 hPa estimated
Density and/or relative density	
Density	0,95 - 1,22 g/cm ³
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	0,86 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	Strong oxidizing agents.
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	Harmful if inhaled.	
Skin contact	Harmful in contact with skin. Causes skin irritation.	
Eye contact	Direct contact with eyes may cause temporary irritation.	
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.	
Symptoms	Skin irritation. May cause redness and pain.	
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008		
Acute toxicity	Harmful if inhaled. Harmful in contact with skin.	
Components	Species	Test Results
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)		
<u>Acute</u>		
Oral		
LD50	Rat	3523 - 8600 mg/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.	
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	Due to partial or complete lack of data the classification is not possible.	
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.	
IARC Monographs. Overall Evaluation of Carcinogenicity		
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.	
Reproductive toxicity	Not applicable.	

Specific target organ toxicity - single exposure	Not applicable.
Specific target organ toxicity - repeated exposure	Not applicable.
Aspiration hazard	Not likely, due to the form of the product.
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	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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)	
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	3,12 - 3,2
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	
o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)	Chemical pesticides (As the total sum of the active substances) 0,5 MG/KG Chemical pesticides (As the total sum of the active substances) 20 MG/KG Chemical pesticides (As the total sum of the active substances) 5 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. 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	UN1307
14.2. UN proper shipping name	XYLENES
14.3. Transport hazard class(es)	
Class	3

Subsidiary risk	-
Label(s)	3
Hazard No. (ADR)	30
Tunnel restriction code	D/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	UN1307
14.2. UN proper shipping name	XYLENES
14.3. Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
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	UN1307
14.2. UN proper shipping name	XYLENES
14.3. Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
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	UN1307
14.2. UN proper shipping name	Xylenes
14.3. Transport hazard class(es)	
Class	3
Subsidiary risk	-
14.4. Packing group	III
14.5. Environmental hazards	No.
ERG Code	3L
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	UN1307
14.2. UN proper shipping name	XYLENES
14.3. Transport hazard class(es)	
Class	3
Subsidiary risk	-
14.4. Packing group	III
14.5. Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D
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.



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

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] (CAS 1330-20-7)

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

Not listed.

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

o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] 75
(CAS 1330-20-7)

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

Not listed.

Other EU regulations

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

ANNEX 1, PART 1 Categories of dangerous substances

Hazard categories in accordance with Regulation (EC) No 1272/2008

- P5a, b or c FLAMMABLE LIQUIDS

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

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	REACH registration number: 01-2119486136-34-XXXX
Belgium	REACH registration number: 01-2119486136-34-XXXX
Czech Republic	REACH registration number: 01-2119486136-34-XXXX
Denmark	REACH registration number: 01-2119486136-34-XXXX
European Union	REACH registration number: 01-2119486136-34-XXXX
Finland	REACH registration number: 01-2119486136-34-XXXX
France	REACH registration number: 01-2119486136-34-XXXX

Germany	REACH registration number: 01-2119486136-34-XXXX
Greece	REACH registration number: 01-2119486136-34-XXXX
Hungary	REACH registration number: 01-2119486136-34-XXXX
Italy	REACH registration number: 01-2119486136-34-XXXX
Netherlands	REACH registration number: 01-2119486136-34-XXXX
Norway	REACH registration number: 01-2119486136-34-XXXX
Poland	REACH registration number: 01-2119486136-34-XXXX
Portugal	REACH registration number: 01-2119486136-34-XXXX
Slovakia	REACH registration number: 01-2119486136-34-XXXX
Slovenia	REACH registration number: 01-2119486136-34-XXXX
Sweden	REACH registration number: 01-2119486136-34-XXXX
Switzerland	REACH registration number: 01-2119486136-34-XXXX

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.
 Not available.

References

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

H226 Flammable liquid and vapor.
 H312 Harmful in contact with skin.
 H315 Causes skin irritation.
 H332 Harmful if inhaled.
 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.