

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

1.1. Product identifier

Trade name or designation of the mixture	2.1 V.O.C. HARDENER - FAST
Registration number	-
Synonyms	None.
Product code	MHV-21F-QT
Issue date	23-April-2015
Version number	02
Revision date	27-April-2015
Supersedes date	23-April-2015

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

Identified uses	Automotive Refinish Hardener/Activator
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Supplier

Company name	Quest Automotive Products	
Address	600 Nova Drive SE Massillon, OH 44646 United States	
Division	Massillon	
Telephone	General Assistance	(330) 830-6000
e-mail	rpandrus@quest-ap.com	
Contact person	Not available.	

1.4. Emergency telephone number	CHEMTREC	(800) 424-9300
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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 Directive 67/548/EEC or 1999/45/EC as amended

Classification F;R11, Carc. Cat. 2;R45, Muta. Cat. 2;R46, Xi;R36, R66-67, R52/53

The full text for all R-phrases is displayed in section 16.

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

Physical hazards

Flammable liquids	Category 2	H225 - Highly flammable liquid and vapour.
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Health hazards

Acute toxicity, inhalation	Category 4	H332 - Harmful if inhaled.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Germ cell mutagenicity	Category 1B	H340 - May cause genetic defects.
Carcinogenicity	Category 1B	H350 - May cause cancer.
Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.

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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Hazard summary

Physical hazards	Highly flammable.
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Health hazards	May cause cancer. May cause heritable genetic damage. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Occupational exposure to the substance or mixture may cause adverse health effects.
Environmental hazards	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Specific hazards	Prolonged exposure may cause chronic effects.
Main symptoms	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

2.2. Label elements

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

Contains: 1,2,4-Trimethyl benzene, Cumene, Isophorone diisocyanate, light aromatic solvent naphtha, Methyl acetate, n-Butyl acetate

Hazard pictograms



Signal word

Danger

Hazard statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
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.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing mist or vapour.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

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.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor if you feel unwell.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use appropriate media to extinguish.

Storage

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal

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

96,19 % of the mixture consists of component(s) of unknown acute inhalation toxicity. 95,39 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. EUH066 - Repeated exposure may cause skin dryness or cracking. EUH208 - Contains Isophorone diisocyanate. May produce an allergic reaction.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Methyl acetate	20 - < 30	79-20-9 201-185-2	-	607-021-00-X	
Classification:	DSD: F;R11, Xi;R36, R66-67				
	CLP: -				
1,2,4-Trimethyl benzene	1 - < 3	95-63-6 202-436-9	-	601-043-00-3	#
Classification:	DSD: R10, Xn;R20, Xi;R36/37/38, N;R51/53				
	CLP: Flam. Liq. 3;H226, Skin Irrit. 2;H315, Eye Irrit. 2;H319, Acute Tox. 4;H332, STOT SE 3;H335, Aquatic Chronic 2;H411				
light aromatic solvent naphtha	1 - < 3	64742-95-6 265-199-0	-	649-356-00-4	
Classification:	DSD: Carc. Cat. 2;R45, Muta. Cat. 2;R46, Xn;R65				P
	CLP: Asp. Tox. 1;H304, Muta. 1B;H340, Carc. 1B;H350				P
n-Butyl acetate	1 - < 3	123-86-4 204-658-1	-	607-025-00-1	
Classification:	DSD: R10, R66-67				
	CLP: Flam. Liq. 3;H226, STOT SE 3;H336, Aquatic Chronic 3;H412				
Isophorone diisocyanate	< 0,3	4098-71-9 223-861-6	-	615-008-00-5	
Classification:	DSD: T;R23, Xi;R36/37/38, R42/43, N;R51/53				2
	CLP: -				2
Cumene	< 0,2	98-82-8 202-704-5	-	601-024-00-X	#
Classification:	DSD: R10, Xn;R65, Xi;R37, N;R51/53				C
	CLP: -				C

Other components below reportable levels 60 - < 70

List of abbreviations and symbols that may be used above

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

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

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

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

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

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

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

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

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 attention if symptoms occur.

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

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

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

Highly flammable liquid and vapour.

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Water. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapours and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8.

For emergency responders

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil etc) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. 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. 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. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. 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 vapours and spray mists. Avoid contact with eyes. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	MAK	100 mg/m3
	STEL	20 ppm 150 mg/m3
Cumene (CAS 98-82-8)	MAK	30 ppm 100 mg/m3
	STEL	20 ppm 250 mg/m3
Isophorone diisocyanate (CAS 4098-71-9)	Ceiling	20 ppm 0,092 mg/m3
	MAK	0,01 ppm 0,046 mg/m3
Methyl acetate (CAS 79-20-9)	Ceiling	0,005 ppm 1220 mg/m3
	MAK	400 ppm 610 mg/m3
n-Butyl acetate (CAS 123-86-4)	Ceiling	200 ppm 480 mg/m3
	MAK	100 ppm 480 mg/m3 100 ppm

Belgium. Exposure Limit Values.

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3
	STEL	20 ppm 250 mg/m3
Cumene (CAS 98-82-8)	TWA	50 ppm 100 mg/m3
	STEL	20 ppm 250 mg/m3
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,046 mg/m3
	STEL	0,005 ppm 768 mg/m3
Methyl acetate (CAS 79-20-9)	TWA	250 ppm 615 mg/m3
	STEL	200 ppm 964 mg/m3
n-Butyl acetate (CAS 123-86-4)	STEL	200 ppm 723 mg/m3
	TWA	150 ppm

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3
	STEL	20 ppm 250 mg/m3
Cumene (CAS 98-82-8)	TWA	50 ppm 100 mg/m3
	STEL	20 ppm 250 mg/m3
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,1 mg/m3
	STEL	950 mg/m3

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

Components	Type	Value
	TWA	710 mg/m3

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	MAC	100 mg/m3
Cumene (CAS 98-82-8)		20 ppm
	MAC	100 mg/m3
	STEL	250 mg/m3
Methyl acetate (CAS 79-20-9)		50 ppm
	MAC	616 mg/m3
	STEL	770 mg/m3
n-Butyl acetate (CAS 123-86-4)		250 ppm
	MAC	724 mg/m3
	STEL	966 mg/m3
		200 ppm
		200 ppm

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

Components	Type	Value
Cumene (CAS 98-82-8)	TWA	245 mg/m3
		50 ppm
Methyl acetate (CAS 79-20-9)	TWA	610 mg/m3
		200 ppm
n-Butyl acetate (CAS 123-86-4)	TWA	710 mg/m3
		150 ppm

Czech Republic. OELs. Government Decree 361

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	Ceiling	250 mg/m3
	TWA	100 mg/m3
Cumene (CAS 98-82-8)	Ceiling	250 mg/m3
	TWA	100 mg/m3
Methyl acetate (CAS 79-20-9)	Ceiling	800 mg/m3
	TWA	600 mg/m3
n-Butyl acetate (CAS 123-86-4)	Ceiling	1200 mg/m3
	TWA	950 mg/m3

Denmark. Exposure Limit Values

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TLV	100 mg/m3
		20 ppm
Cumene (CAS 98-82-8)	TLV	100 mg/m3
		20 ppm
Isophorone diisocyanate (CAS 4098-71-9)	TLV	0,045 mg/m3
		0,005 ppm
Methyl acetate (CAS 79-20-9)	TLV	455 mg/m3
		150 ppm
n-Butyl acetate (CAS 123-86-4)	TLV	710 mg/m3
		150 ppm

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m ³
		20 ppm
Cumene (CAS 98-82-8)	STEL	250 mg/m ³
		50 ppm
	TWA	100 mg/m ³
		20 ppm
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,05 mg/m ³
		0,005 ppm
Methyl acetate (CAS 79-20-9)	STEL	900 mg/m ³
		300 ppm
	TWA	450 mg/m ³
		150 ppm
n-Butyl acetate (CAS 123-86-4)	STEL	700 mg/m ³
		150 ppm
	TWA	500 mg/m ³
		100 ppm

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

Components	Type	Value
Isophorone diisocyanate (CAS 4098-71-9)	Ceiling	0,09 mg/m ³
		0,01 ppm

Finland. Workplace Exposure Limits

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m ³
		20 ppm
Cumene (CAS 98-82-8)	STEL	250 mg/m ³
		50 ppm
	TWA	100 mg/m ³
		20 ppm
Isophorone diisocyanate (CAS 4098-71-9)	STEL	0,035 mg/m ³
light aromatic solvent naphtha (CAS 64742-95-6)	TWA	100 mg/m ³
Methyl acetate (CAS 79-20-9)	STEL	770 mg/m ³
		250 ppm
	TWA	610 mg/m ³
		200 ppm
n-Butyl acetate (CAS 123-86-4)	STEL	960 mg/m ³
		200 ppm
	TWA	720 mg/m ³
		150 ppm

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	VLE	250 mg/m ³
		50 ppm
	VME	100 mg/m ³
		20 ppm
Cumene (CAS 98-82-8)	VLE	250 mg/m ³
		50 ppm
	VME	100 mg/m ³
		20 ppm
homopolymer of HDI (CAS 28182-81-2)	VLE	1 mg/m ³

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

Components	Type	Value
Isophorone diisocyanate (CAS 4098-71-9)	VLE	0,18 mg/m3
	VME	0,02 ppm 0,09 mg/m3 0,01 ppm
Methyl acetate (CAS 79-20-9)	VLE	760 mg/m3
	VME	250 ppm 610 mg/m3 200 ppm
n-Butyl acetate (CAS 123-86-4)	VLE	940 mg/m3
	VME	200 ppm 710 mg/m3 150 ppm

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

Components	Type	Value	Form
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3	
Cumene (CAS 98-82-8)	TWA	20 ppm	
		50 mg/m3 10 ppm	
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,046 mg/m3	Vapor and aerosol.
		0,005 ppm	Vapor and aerosol.
Methyl acetate (CAS 79-20-9)	TWA	310 mg/m3	
n-Butyl acetate (CAS 123-86-4)	TWA	100 ppm	
		480 mg/m3 100 ppm	

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

Components	Type	Value	Form
1,2,4-Trimethyl benzene (CAS 95-63-6)	AGW	100 mg/m3	
Cumene (CAS 98-82-8)	AGW	20 ppm	
		100 mg/m3 20 ppm	
Isophorone diisocyanate (CAS 4098-71-9)	AGW	0,046 mg/m3	Vapor and aerosol.
		0,005 ppm	Vapor and aerosol.
Methyl acetate (CAS 79-20-9)	AGW	610 mg/m3	
n-Butyl acetate (CAS 123-86-4)	AGW	200 ppm	
		300 mg/m3 62 ppm	

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	125 mg/m3
		25 ppm
Cumene (CAS 98-82-8)	STEL	370 mg/m3 75 ppm
	TWA	245 mg/m3 50 ppm
Isophorone diisocyanate (CAS 4098-71-9)	STEL	0,18 mg/m3
	TWA	0,02 ppm 0,09 mg/m3 0,01 ppm

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

Components	Type	Value
Methyl acetate (CAS 79-20-9)	STEL	760 mg/m3
	TWA	250 ppm 610 mg/m3
n-Butyl acetate (CAS 123-86-4)	STEL	200 ppm 950 mg/m3
	TWA	200 ppm 710 mg/m3 150 ppm

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3
Cumene (CAS 98-82-8)	STEL	250 mg/m3
	TWA	100 mg/m3
Methyl acetate (CAS 79-20-9)	STEL	2440 mg/m3
	TWA	610 mg/m3
n-Butyl acetate (CAS 123-86-4)	STEL	950 mg/m3
	TWA	950 mg/m3

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3
		20 ppm
Cumene (CAS 98-82-8)	STEL	250 mg/m3
	TWA	50 ppm 100 mg/m3
Isophorone diisocyanate (CAS 4098-71-9)	STEL	20 ppm 0,09 mg/m3
	TWA	0,01 ppm 0,05 mg/m3 0,005 ppm
Methyl acetate (CAS 79-20-9)	TWA	455 mg/m3
		150 ppm
n-Butyl acetate (CAS 123-86-4)	TWA	700 mg/m3
		150 ppm

Ireland. Occupational Exposure Limits

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3
		20 ppm
Cumene (CAS 98-82-8)	STEL	250 mg/m3
	TWA	50 ppm 100 mg/m3
Isophorone diisocyanate (CAS 4098-71-9)	STEL	20 ppm 0,07 mg/m3
	TWA	0,005 ppm
Methyl acetate (CAS 79-20-9)	STEL	760 mg/m3
	TWA	250 ppm 610 mg/m3
n-Butyl acetate (CAS 123-86-4)	STEL	200 ppm 950 mg/m3
	TWA	200 ppm 710 mg/m3

Ireland. Occupational Exposure Limits Components**Type****Value**

150 ppm

Italy. Occupational Exposure Limits Components**Type****Value**1,2,4-Trimethyl benzene
(CAS 95-63-6)

TWA

100 mg/m3

Cumene (CAS 98-82-8)

STEL

20 ppm
250 mg/m3
50 ppm

TWA

100 mg/m3

Isophorone diisocyanate
(CAS 4098-71-9)

TWA

20 ppm
0,005 ppmMethyl acetate (CAS
79-20-9)

STEL

250 ppm

n-Butyl acetate (CAS
123-86-4)

TWA

200 ppm

STEL

200 ppm

TWA

150 ppm

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment Components**Type****Value**1,2,4-Trimethyl benzene
(CAS 95-63-6)

TWA

100 mg/m3

Cumene (CAS 98-82-8)

STEL

20 ppm
250 mg/m3
50 ppm

TWA

100 mg/m3

Methyl acetate (CAS
79-20-9)

TWA

20 ppm
100 mg/m3n-Butyl acetate (CAS
123-86-4)

TWA

200 mg/m3

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements Components**Type****Value**1,2,4-Trimethyl benzene
(CAS 95-63-6)

TWA

100 mg/m3

4-Chlorobenzotrifluoride
(CAS 98-56-6)

TWA

20 ppm
20 mg/m3

Cumene (CAS 98-82-8)

STEL

170 mg/m3
35 ppm

TWA

120 mg/m3

Isophorone diisocyanate
(CAS 4098-71-9)

Ceiling

25 ppm
0,09 mg/m3

TWA

0,01 ppm
0,05 mg/m3
0,005 ppmMethyl acetate (CAS
79-20-9)

STEL

900 mg/m3

n-Butyl acetate (CAS
123-86-4)

TWA

300 ppm
450 mg/m3

STEL

150 ppm
700 mg/m3

TWA

150 ppm
500 mg/m3
100 ppm**Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A Components****Type****Value**1,2,4-Trimethyl benzene
(CAS 95-63-6)

TWA

100 mg/m3

20 ppm

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

Components	Type	Value
Cumene (CAS 98-82-8)	STEL	250 mg/m3 50 ppm
	TWA	100 mg/m3 20 ppm

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3 20 ppm
Cumene (CAS 98-82-8)	STEL	250 mg/m3 50 ppm
	TWA	100 mg/m3 20 ppm

Netherlands. OELs (binding)

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	STEL	200 mg/m3
	TWA	100 mg/m3
Cumene (CAS 98-82-8)	STEL	250 mg/m3
	TWA	100 mg/m3

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TLV	100 mg/m3
		20 ppm
Cumene (CAS 98-82-8)	STEL	250 mg/m3 50 ppm
	TLV	100 mg/m3 20 ppm
Isophorone diisocyanate (CAS 4098-71-9)	STEL	0,01 ppm
	TLV	0,045 mg/m3 0,005 ppm
Methyl acetate (CAS 79-20-9)	TLV	305 mg/m3 100 ppm
		355 mg/m3
n-Butyl acetate (CAS 123-86-4)	TLV	75 ppm

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	STEL	170 mg/m3
	TWA	100 mg/m3
Cumene (CAS 98-82-8)	STEL	250 mg/m3
	TWA	100 mg/m3
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,04 mg/m3
Methyl acetate (CAS 79-20-9)	STEL	600 mg/m3
	TWA	250 mg/m3
n-Butyl acetate (CAS 123-86-4)	STEL	950 mg/m3
	TWA	200 mg/m3

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3
		20 ppm

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

Components	Type	Value
Cumene (CAS 98-82-8)	STEL	250 mg/m3 50 ppm
	TWA	100 mg/m3 20 ppm

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

Components	Type	Value
Cumene (CAS 98-82-8)	TWA	50 ppm
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,005 ppm
Methyl acetate (CAS 79-20-9)	STEL	250 ppm
	TWA	200 ppm
n-Butyl acetate (CAS 123-86-4)	STEL	200 ppm
	TWA	150 ppm

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3 20 ppm
	STEL	150 mg/m3 30 ppm
Cumene (CAS 98-82-8)	TWA	100 mg/m3 20 ppm
	STEL	600 mg/m3 188 ppm
Methyl acetate (CAS 79-20-9)	TWA	200 mg/m3 63 ppm
	STEL	950 mg/m3 200 ppm
n-Butyl acetate (CAS 123-86-4)	TWA	715 mg/m3 150 ppm

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3 20 ppm
	STEL	250 mg/m3 50 ppm
Cumene (CAS 98-82-8)	TWA	100 mg/m3 20 ppm
	STEL	770 mg/m3 250 ppm
Methyl acetate (CAS 79-20-9)	TWA	310 mg/m3 100 ppm
	STEL	700 mg/m3 150 ppm
n-Butyl acetate (CAS 123-86-4)	TWA	500 mg/m3 100 ppm

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3 20 ppm
	TWA	100 mg/m3 20 ppm

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

Components	Type	Value
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,092 mg/m ³
		0,01 ppm
light aromatic solvent naphtha (CAS 64742-95-6)	TWA	100 mg/m ³
		20 ppm
Methyl acetate (CAS 79-20-9)	TWA	610 mg/m ³
		200 ppm
n-Butyl acetate (CAS 123-86-4)	TWA	480 mg/m ³
		100 ppm

Spain. Occupational Exposure Limits

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m ³
		20 ppm
Cumene (CAS 98-82-8)	STEL	250 mg/m ³
		50 ppm
	TWA	100 mg/m ³
		20 ppm
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,046 mg/m ³
		0,005 ppm
Methyl acetate (CAS 79-20-9)	STEL	770 mg/m ³
		250 ppm
	TWA	616 mg/m ³
		200 ppm
n-Butyl acetate (CAS 123-86-4)	STEL	965 mg/m ³
		200 ppm
	TWA	724 mg/m ³
		150 ppm

Sweden. Occupational Exposure Limit Values

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	STEL	170 mg/m ³
		35 ppm
	TWA	120 mg/m ³
		25 ppm
Cumene (CAS 98-82-8)	STEL	170 mg/m ³
		35 ppm
	TWA	120 mg/m ³
		25 ppm
Isophorone diisocyanate (CAS 4098-71-9)	Ceiling	0,046 mg/m ³
		0,005 ppm
	TWA	0,018 mg/m ³
		0,002 ppm
Methyl acetate (CAS 79-20-9)	STEL	900 mg/m ³
		300 ppm
	TWA	450 mg/m ³
		150 ppm
n-Butyl acetate (CAS 123-86-4)	STEL	700 mg/m ³
		150 ppm
	TWA	500 mg/m ³
		100 ppm

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	STEL	200 mg/m3 40 ppm
	TWA	100 mg/m3 20 ppm
Cumene (CAS 98-82-8)	STEL	400 mg/m3 80 ppm
	TWA	100 mg/m3 20 ppm
Isophorone diisocyanate (CAS 4098-71-9)	STEL	0,02 mg/m3
	TWA	0,02 mg/m3
Methyl acetate (CAS 79-20-9)	STEL	1240 mg/m3
	TWA	400 ppm 310 mg/m3
n-Butyl acetate (CAS 123-86-4)	STEL	100 ppm 960 mg/m3
	TWA	200 ppm 480 mg/m3 100 ppm

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	125 mg/m3 25 ppm
	STEL	250 mg/m3 50 ppm
Cumene (CAS 98-82-8)	TWA	125 mg/m3 25 ppm
	STEL	0,07 mg/m3
Isophorone diisocyanate (CAS 4098-71-9)	TWA	0,02 mg/m3
	STEL	770 mg/m3
Methyl acetate (CAS 79-20-9)	TWA	250 ppm 616 mg/m3
	STEL	200 ppm 966 mg/m3
n-Butyl acetate (CAS 123-86-4)	TWA	200 ppm 724 mg/m3 150 ppm

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

Components	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m3 20 ppm
	STEL	250 mg/m3 50 ppm
Cumene (CAS 98-82-8)	TWA	100 mg/m3 20 ppm

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

Components	Value	Determinant	Specimen	Sampling time
1,2,4-Trimethyl benzene (CAS 95-63-6)	400 mg/g	Dimethylbenzo esäuren (Summe aller Isomeren nach Hydrolyse)	Creatinine in urine	*

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

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

Components	Value	Determinant	Specimen	Sampling time
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Cumene (CAS 98-82-8)	50 mg/g	2-Phenyl-2-propanol	Creatinine in urine	*
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* - For sampling details, please see the source document.

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no-effect level (DNEL) Not available.

Predicted no effect concentrations (PNECs) Not available.

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

Cumene (CAS 98-82-8)

Can be absorbed through the skin.

8.2. Exposure controls**Appropriate engineering controls**

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

Individual protection measures, such as personal protective equipment**General information**

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

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection**- Hand protection**

Wear protective gloves.

- Other

Wear suitable protective clothing.

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

Inform appropriate managerial or supervisory personnel of all environmental releases.

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

Liquid.

Form

Liquid.

Colour

Clear colorless or nearly colorless

Odour

Solvent.

Odour threshold

Not available.

pH

Not available.

Melting point/freezing point

-98 °C (-144,4 °F) estimated

Initial boiling point and boiling range

56,8 °C (134,24 °F) estimated

Flash point

-10,0 °C (14,0 °F) estimated

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits**Flammability limit - lower (%)**

3,1 % estimated

Flammability limit - upper (%)

16 % estimated

Vapour pressure	288 hPa estimated
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Solubility (other)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	454,44 °C (850 °F) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.
9.2. Other information	
Density	9,07 lbs/gal
Percent volatile	37,82 %
Specific gravity	1,09
VOC	0,6 lbs/gal Material 0,9 lbs/gal Regulatory 68 g/l Material 106 g/l Regulatory

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	Nitrates.
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. May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.
Symptoms	Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

11.1. Information on toxicological effects

Acute toxicity Harmful if inhaled. Narcotic effects.

Components	Species	Test results
1,2,4-Trimethyl benzene (CAS 95-63-6)		
Acute		
Dermal		
LD50	Rabbit	> 3160 mg/kg
Inhalation		
LC50	Rat	> 2000 ppm, 48 Hours
Oral		
LD50	Rat	6 g/kg

Components	Species	Test results
Cumene (CAS 98-82-8)		
Acute		
Inhalation		
LC50	Mouse	2000 ppm, 7 Hours 24,7 mg/l, 2 Hours
	Rat	8000 ppm, 4 Hours
Oral		
LD50	Rat	1400 mg/kg
Isophorone diisocyanate (CAS 4098-71-9)		
Acute		
Dermal		
LD50	Rat	1060 mg/kg
Inhalation		
LC50	Rat	0,123 mg/l, 4 Hours 0,033 mg/l
Oral		
LD50	Mouse	> 2500 mg/kg
	Rat	> 1000 mg/kg
Methyl acetate (CAS 79-20-9)		
Acute		
Oral		
LD50	Rabbit	3,7 g/kg
n-Butyl acetate (CAS 123-86-4)		
Acute		
Inhalation		
LC50	Wistar rat	160 mg/l, 4 Hours
Oral		
LD50	Rat	14000 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory sensitisation	Due to partial or complete lack of data the classification is not possible.
Skin sensitisation	Due to partial or complete lack of data the classification is not possible.
Germ cell mutagenicity	May cause genetic defects.
Carcinogenicity	May cause cancer.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Cumene (CAS 98-82-8)	2B Possibly carcinogenic to humans.
Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.
Mixture versus substance information	No information available.
Other information	May cause allergic respiratory and skin reactions.

SECTION 12: Ecological information

12.1. Toxicity Harmful to aquatic life with long lasting effects.

Components	Species	Test results
1,2,4-Trimethyl benzene (CAS 95-63-6)		
Aquatic		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 7,19 - 8,28 mg/l, 96 hours
Cumene (CAS 98-82-8)		
Aquatic		
Crustacea	EC50	Brine shrimp (<i>Artemia</i> sp.) 3,55 - 11,29 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>) 2,7 mg/l, 96 hours
Methyl acetate (CAS 79-20-9)		
Aquatic		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 295 - 348 mg/l, 96 hours
n-Butyl acetate (CAS 123-86-4)		
Aquatic		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 17 - 19 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

12.2. Persistence and degradability No data is available on the degradability of this product.

12.3. Bioaccumulative potential

Partition coefficient

n-octanol/water (log Kow)

Cumene	3,66
Methyl acetate	0,18
n-Butyl acetate	1,78

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment Not available.

12.6. Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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	UN1263
14.2. UN proper shipping name	Paint, Paint Related Material
14.3. Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Hazard No. (ADR)	33
Tunnel restriction code	D/E
14.4. Packing group	II
14.5. Environmental hazards	No.

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

RID

14.1. UN number UN1263
14.2. UN proper shipping name Paint, Paint Related Material
14.3. Transport hazard class(es)
 Class 3
 Subsidiary risk -
 Label(s) 3
14.4. Packing group II
14.5. Environmental hazards No.
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

ADN

14.1. UN number UN1263
14.2. UN proper shipping name Paint, Paint Related Material
14.3. Transport hazard class(es)
 Class 3
 Subsidiary risk -
 Label(s) 3
14.4. Packing group II
14.5. Environmental hazards No.
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

14.1. UN number UN1263
14.2. UN proper shipping name Paint, Paint Related Material
14.3. Transport hazard class(es)
 Class 3
 Subsidiary risk -
14.4. Packing group II
14.5. Environmental hazards No.
ERG Code 3H
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Other information
 Passenger and cargo aircraft Allowed.
 Cargo aircraft only Allowed.

IMDG

14.1. UN number UN1263
14.2. UN proper shipping name Paint, Paint Related Material
14.3. Transport hazard class(es)
 Class 3
 Subsidiary risk -
14.4. Packing group II
14.5. Environmental hazards
 Marine pollutant No.
EmS F-E, S-E
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 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, as amended

Not listed.

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

Not listed.

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

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Not listed.

Regulation (EC) No. 689/2008 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

Not listed.

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

Not listed.

Authorisations

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

light aromatic solvent naphtha (CAS 64742-95-6)

Restrictions on use

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

Methyl acetate (CAS 79-20-9)

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

light aromatic solvent naphtha (CAS 64742-95-6)

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

light aromatic solvent naphtha (CAS 64742-95-6)

Other EU regulations

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

1,2,4-Trimethyl benzene (CAS 95-63-6)

Cumene (CAS 98-82-8)

Isophorone diisocyanate (CAS 4098-71-9)

Methyl acetate (CAS 79-20-9)

n-Butyl acetate (CAS 123-86-4)

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended

1,2,4-Trimethyl benzene (CAS 95-63-6)

Cumene (CAS 98-82-8)

Isophorone diisocyanate (CAS 4098-71-9)

light aromatic solvent naphtha (CAS 64742-95-6)

Methyl acetate (CAS 79-20-9)

n-Butyl acetate (CAS 123-86-4)

Directive 94/33/EC on the protection of young people at work, as amended

Isophorone diisocyanate (CAS 4098-71-9)

light aromatic solvent naphtha (CAS 64742-95-6)

Other regulations	The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Pregnant women should not work with the product, if there is the least risk of exposure.
National regulations	Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work. Follow national regulation for work with chemical agents.
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations	Not available.
References	Not available.
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any statements or R-phrases and H-statements under Sections 2 to 15	<p>R10 Flammable.</p> <p>R11 Highly flammable.</p> <p>R20 Harmful by inhalation.</p> <p>R23 Toxic by inhalation.</p> <p>R36 Irritating to eyes.</p> <p>R36/37/38 Irritating to eyes, respiratory system and skin.</p> <p>R37 Irritating to respiratory system.</p> <p>R42/43 May cause sensitisation by inhalation and skin contact.</p> <p>R45 May cause cancer.</p> <p>R46 May cause heritable genetic damage.</p> <p>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R65 Harmful: may cause lung damage if swallowed.</p> <p>R66 Repeated exposure may cause skin dryness or cracking.</p> <p>R67 Vapours may cause drowsiness and dizziness.</p> <p>H226 Flammable liquid and vapour.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H340 May cause genetic defects.</p> <p>H350 May cause cancer.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>
Revision information	Product and Company Identification: Alternate Trade Names Physical & Chemical Properties: Multiple Properties SECTION 9: Physical and chemical properties: Appearance
Training information	Follow training instructions when handling this material.
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available. The information contained herein is based on data believed to be reliable and the manufacturer disclaims any liability incurred from the use or reliance upon the same. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This safety information is not a licence to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this material will infringe any such patents, and for obtaining any required licenses.