

Printing date 09/14/2022 Version number 430 Reviewed on 07/19/2022

1 Identification

- · Product identifier
 - · Product number TV62
 - · Trade name: ACC X PE PROD
 - · Application of the substance / the mixture For professional use
- · Details of the supplier of the safety data sheet
 - · Manufacturer/Supplier:

IVM Chemicals Srl

Viale della Stazione 3 -27020 Parona (PV)Italy -Tel +39 038425441

1.3.2 Importer

Name I.C.& S. DISTRIBUTING CO. Address P.O.BOX 10845

LANCASTER. PA

USA

E-Mail: nelson@ics-company.com

· Information department:

Environmental Health and safety office

hseoffice@ivmchemicals.com

· Emergency telephone number:

ChemTel Expert Assistance Hotline/SDS Fax Access by dialing 1-800-255-3924 or for International +1-813-248-0585.

001 813-248-0585

2 Hazard(s) identification

· Classification of the substance or mixture

Flammable Liquids 2 H225 Highly flammable liquid and vapor.

Skin Irrititation 2 H315 Causes skin irritation.

Eye Irritation 2A H319 Causes serious eye irritation.

Sensitization - Skin 1 H317 May cause an allergic skin reaction.

Carcinogenicity 2 H351 Suspected of causing cancer.

Toxic to Reproduction 1B H360 May damage fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure 3H336 May cause drowsiness or dizziness.

Specific Target Organ Toxicity - Repeated

Exposure 2

H373 May cause damage to the central nervous system and the hearing organs

through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.

Aspiration Hazard 1 H304 May be fatal if swallowed and enters

airways.

Aquatic Acute 2 H401 Toxic to aquatic life.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting

effects.

· Label elements

· GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 2)



Printing date 09/14/2022 Version number 430 Reviewed on 07/19/2022

Product number TV62

ACC X PE PROD Trade name:

(Contd. of page 1)

· Hazard pictograms







GHS02 GHS07

· Signal word Danger

· Hazard-determining components of labeling:

toluene

cobalt(II) 2-ethvlhexanoate

ethvl acetate

xvlene

· Hazard statements

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H360 May damage fertility or the unborn child.

H336 May cause drowsiness or dizziness.

H373 May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.

H304 May be fatal if swallowed and enters airways.

H401 Toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P301+P310 If swallowed: Immediately call a poison center/doctor.

P321 Specific treatment (see on this label).

P331 Do NOT induce vomiting.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse

skin with water/shower.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/

international regulations.

· Classification system:

· NFPA ratings (scale 0 - 4)



Health = 2Fire = 3Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = *2Fire = 3Reactivity = 0



Printing date 09/14/2022

Version number 430

Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

(Contd. of page 2)

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture: consisting of the following components.

· Dangerou	is components:	
108-88-3	toluene ♠ Flammable Liquids 2, H225 ♠ Toxic to Reproduction 2, H361; Specific Target Organ Toxicity - Repeated Exposure 2, H373; Aspiration Hazard 1, H304 ♠ Skin Irrititation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H336 Aquatic Chronic 3, H412	40-49.99%
141-78-6	ethyl acetate Flammable Liquids 2, H225 Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	40-49.99%
136-52-7	cobalt(II) 2-ethylhexanoate Carcinogenicity 2, H351; Toxic to Reproduction 1B, H360 Aquatic Acute 1, H400 Eye Irritation 2A, H319; Sensitization - Skin 1A, H317 Aquatic Chronic 3, H412	12.5-15%
1330-20-7	xylene	2.5-4.99%
34590-94-8	(2-methoxymethylethoxy)propanol Flammable Liquids 4, H227	<1%

4 First-aid measures

· Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

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

personal protective equipment for first aid responders is recommended. (please see section 8)

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Take off immediately all contaminated clothing, include underwear and shoes (if necessary). Rinse thoroughly with plenty of water for at least 20 minutes and take medical advise. If medical advise is needed have products container or label at hand.

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist , consult a doctor

· After swallowing: Do not induce vomiting; immediately call for medical help.

(Contd. on page 4)



Printing date 09/14/2022 Version number 430 Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

(Contd. of page 3)

· Information for doctor:

· Most important symptoms and effects, both acute and delayed Allergic reactions

For symptoms and effects caused by substances, refer to Section 11.

· Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

· Suitable extinguishing agents:

Alcohol resistant foam

Alcohol resistant foam, CO, powder, water spray/mist.

· For safety reasons unsuitable extinguishing agents:

Do not use a jet water stream as it may scatter and spread fire.

· Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

In case of fire, the following can be released:

Nitrogen oxides (NOx)

Carbon monoxide (CO)

Advice for firefighters

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

· Protective equipment:

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

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources

Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

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

· Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to Section 13.

Ensure adequate ventilation.

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· Protective Action Criteria for Chemicals

· PAC-1:			
108-88-3	toluene	67 ppm	
141-78-6	ethyl acetate	1,200 pp	m
1330-20-7	xylene	130 ppm)
		(Contd. on pag	je 5)



Printing date 09/14/2022 Version number 430

Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

		(Contd. of page 4)
34590-94-8	(2-methoxymethylethoxy)propanol	150 ppm
· PAC-2:		
108-88-3	toluene	560 ppm
141-78-6	ethyl acetate	1,700 ppm
1330-20-7	1330-20-7 xylene	
34590-94-8	90-94-8 (2-methoxymethylethoxy)propanol	
· PAC-3:		
108-88-3	toluene	3700* ppm
141-78-6	ethyl acetate	10000** ppm
1330-20-7	xylene	2500* ppm
34590-94-8	(2-methoxymethylethoxy)propanol	9900** ppm

7 Handling and storage

- · Handling:
 - · Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Protect against electrostatic charges.

Keep respiratory protective device available.

Use explosion-proof apparatus / fittings and spark-proof tools.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

- · Conditions for safe storage, including any incompatibilities
 - · Storage:
 - · Requirements to be met by storerooms and receptacles:

Store in a cool, well-ventilated area, away from heat and sources of ignition

Provide solvent resistant, sealed floor.

Observe the label precautions, the expiration date for the use, if not indicated, is from delivery date of goods.

In cases where there is no reported expiration date, it means that the product must be used within 8 months.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· Specific end use(s) Those typical of the product and the instructions in the data sheet if required.

8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
 - · Components with limit values that require monitoring at the workplace:

108-88-3 toluene

PEL Long-term value: 200 ppm

Ceiling limit value: 300; 500* ppm

*10-min peak per 8-hr shift

(Contd. on page 6)



Printing date 09/14/2022 Version number 430 Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

(Contd. of page 5) REL Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm TLV Long-term value: 20 ppm BEI, OTO, A4 141-78-6 ethyl acetate PEL Long-term value: 1400 mg/m³, 400 ppm REL Long-term value: 1400 mg/m³, 400 ppm TLV Long-term value: 400 ppm 136-52-7 cobalt(II) 2-ethylhexanoate TLV Long-term value: 0.02* mg/m³ as Co, A3; *inhalable; DSEN; RSEN; BEI 1330-20-7 xylene PEL Long-term value: 435 mg/m³, 100 ppm REL Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm Short-term value: (150) ppm Long-term value: (100) NIC-20 ppm BEI, A4 34590-94-8 (2-methoxymethylethoxy)propanol PEL Long-term value: 600 mg/m³, 100 ppm Skin REL Short-term value: 900 mg/m³, 150 ppm Long-term value: 600 mg/m³, 100 ppm Skin TLV Long-term value: NIC-50 ppm (Skin) · Ingredients with biological limit values:

108-88-3 toluene

BEI 0.02 mg/L

Medium: blood

Time: prior to last shift of workweek

Parameter: Toluene

0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene

0.3 mg/g creatinine Medium: urine Time: end of shift

Parameter: o-Cresol with hydrolysis (background)

1330-20-7 xylene

BEI 1.5 g/g creatinine

Medium: urine Time: end of shift

Parameter: Methylhippuric acids

· Additional information: The lists that were valid during the creation were used as basis.

(Contd. on page 7)



Printing date 09/14/2022 Version number 430

Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

(Contd. of page 6)

· Exposure controls

- · Personal protective equipment:
 - · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Pregnant women should strictly avoid inhalation or skin contact.

· Breathing equipment:

Short term filter device:



Suitable respiratory protective device recommended.

Filter A

· Protection of hands:



Protective gloves

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

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

· Material of gloves

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

· Penetration time of glove material

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

· Eve protection:



Tightly sealed goggles

9 Physical and chemical properties

- · Information on basic physical and chemical properties
 - · General Information
 - · Appearance:

· Form: Fluid

· Color: According to product specification

Odor: CharacteristicOdor threshold: Not determined.

• pH-value: Mixture is non-polar/aprotic.

· Change in condition

· Melting point/Melting range: Undetermined.

(Contd. on page 8)



Printing date 09/14/2022 Version number 430 Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

		(Contd. of page
· Boiling point/Boiling range:	77 °C (170.6 °F)	
· Flash point:	-4 °C (24.8 °F)	
· Flammability (solid, gaseous):	Not applicable.	
· Ignition temperature:	500 °C (932 °F)	
· Decomposition temperature:	Not determined.	
· Auto igniting:	Product is not selfigniting.	
· Danger of explosion:	Product is not explosive. However, form air/vapor mixtures are possible.	ation of explosi
· Explosion limits:		
· Lower:	1.1 Vol %	
· Upper:	11.5 Vol %	
· Vapor pressure at 20 °C (68 °F):	97 hPa (72.8 mm Hg)	
· Density (+/- 0,03) at 20 °C (68 °F):	0.914 g/cm³ (7.627 lbs/gal)	
· Relative density	Not determined.	
· Vapor density	Not determined.	
· Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
· Water:	Not miscible or difficult to mix.	
· Partition coefficient (n-octanol/water): Not determined.	
· Viscosity:		
· Dynamic:	Not determined.	
Kinematic at 20 °C (68 °F):	29 s (ISO 3 mm)	
· Oxidising properties:	N.A.	
· Solvent content:	07.00.07	
· VOC content:	87.20 %	
	797.0 g/l / 6.65 lb/gal	
· Solids content:	12.8 %	
Other information (HAPS)		40.40.00
108-88-3 toluene		40-49.99
1330-20-7 xylene		2.5-4.99%
· Other information	No further relevant information available.	

10 Stability and reactivity

- · Reactivity typical of the product as indicated in the data sheet
- · Chemical stability The product is stable in normal conditions of storage and use recommended
 - · Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

- · Possibility of hazardous reactions Vapours may form explosive mixtures with air
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: Acids, alkalis and oxidizing agents
- Hazardous decomposition products:

in case of possible formation of combustion:

(Contd. on page 9)



Printing date 09/14/2022

Version number 430

Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

Carbon monoxide and carbon dioxide

(Contd. of page 8)

11 Toxicological information

- · Information on toxicological effects
 - · Acute toxicity:

· LD/	LC50 value	es that are relevant for classification:
		y Estimate)
Dermal	LD50	22,634 mg/kg (rabbit)
Inhalative	LC50/4 h	226 mg/l (mouse)
108-88-3 1	toluene	
Oral	LD50	5,000 mg/kg (mouse)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	25.7 mg/l (mouse)
141-78-6	ethyl aceta	ate
Oral	LD50	4,934 mg/kg (rabbit)
Dermal	LD50	20,001 mg/kg (rabbit)
Inhalative	LC50/4 h	1,600 mg/l (mouse)
	LC0	22.6 ppm (mouse)
136-52-7	cobalt(II) 2	2-ethylhexanoate
Oral	LD50	2,119 mg/kg (mouse)
Dermal	LD50	5,001 mg/kg (rabbit)
Inhalative	LC50	5,000 ppm (mouse)
1330-20-7	xylene	
Oral	LD50.	3,523 mg/kg (mouse)
Dermal	LD50	1,100 mg/kg (rabbit) (ATE value)
	LD50.	12,126 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (mouse) (ATE value)
	LC50/4h.	27.571 mg/l (mouse)
34590-94-	8 (2-meth	oxymethylethoxy)propanol
Oral	LD50	5,135 mg/kg (mouse)
Dermal	LD50	19,020 mg/kg (rabbit)

- · Primary irritant effect:
 - on the skin: Irritant to skin and mucous membranes.
 - · on the eye: Irritating effect.
- · Sensitization: Sensitization possible through skin contact.
- · Additional toxicological information:

Irritant

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

Suspected of causing cancer.

May damage fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.

May be fatal if swallowed and enters airways.

Only professional use

(Contd. on page 10)



Printing date 09/14/2022 Version number 430 Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

(Contd. of page 9)

· Carcinogenic categories

· IARC (International Agency for Research on Cancer - Cl. 1 and 2)

136-52-7 cobalt(II) 2-ethylhexanoate

2B

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity Harmful to aquatic life with long lasting effects.

108-88-3 toluene		
FC50	134 ma/l (ali	

· Aquatic toxicity:

EC50 134 mg/l (algae) (96 h)

3.78 mg/l (daphnia) (48 h)

LC50 (96h) 5.5 mg/l (Fish)

141-78-6 ethyl acetate

EC50 165 mg/l (daphnia) (48 h)

LC50 (96h) 230 mg/l (Fish)

1330-20-7 xylene

EC50 2.2 mg/l (algae) LC50 48h 1 mg/l (daphnia) LC50 (96h) 2.6 mg/l (Fish)

34590-94-8 (2-methoxymethylethoxy)propanol

EC50 970 mg/l (algae) (72 h)

1,919 mg/l (daphnia) (48 h)

LC50 (96h) 1,001 mg/l (Fish)

Persistence and degradability No further relevant information available.

· Substances Easily biodegradable

108-88-3 toluene .
141-78-6 ethyl acetate .
1330-20-7 xylene .

Behavior in environmental systems:

- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Ecotoxical effects:
 - · Remark: Harmful to fish

· Additional ecological information:

· General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

· Other adverse effects No further relevant information available.

- 115



Printing date 09/14/2022 Version number 430 Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

(Contd. of page 10)

13 Disposal considerations

- · Waste treatment methods
 - · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Hand over to hazardous waste disposers.

Dispose of contents and container in accordance with local state and federal regulations.

- Uncleaned packagings:
 - · Recommendation: Disposal must be made according to official regulations.

44				4
14 I	rans	port in	ormai	iion

· UN-Number

· DOT, IMDG, IATA UN1263

· Note Check viscosity and flash point at section 9

· UN proper shipping name

· DOT Paint
· IMDG, IATA PAINT

- · Transport hazard class(es)
 - $\cdot DOT$



· Class 3 Flammable liquids

· Label

· Class 3 Flammable liquids

· Label

· IMDG, IATA



· Class 3 Flammable liquids

3

11

· Label

· Packing group

· DOT, IMDG, IATA

· Environmental hazards:

· Marine pollutant: No

· Special precautions for user Warning: Flammable liquids

· Hazard identification number (Kemler code): 33

· EMS Number: F-E,S-E

· Stowage Category B

· Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

(Contd. on page 12)



Printing date 09/14/2022

Version number 430

Reviewed on 07/19/2022

Product number TV62

Trade name: ACC X PE PROD

(Contd. of page 11)

 Transport/Additional informat 	ion:
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· IMDG

· Limited quantities (LQ)

· Excepted quantities (EQ)

5L

Code: E2

Maximum net quantity per inner packaging: 30

m

Maximum net quantity per outer packaging:

500 ml

· UN "Model Regulation": UN 1263 PAINT, 3, II

15 Regulatory information

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

Requirements of Federal Register

- · Various regulations
 - · SARA

· Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	
· Section 313 (Specific toxic chemical listings):	
108-88-3 toluene	10-10 00%

108-88-3	toluene	40-49.99%
136-52-7	cobalt(II) 2-ethylhexanoate	12.5-15%
1330-20-7	xylene	2.5-4.99%

· TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

108-88-3 toluene

136-52-7 cobalt(II) 2-ethylhexanoate

1330-20-7 xylene

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

108-88-3 toluene

40-49.99%

· Carcinogenic categories

· EPA (Environmental Protection Agency	,)
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	,	0	•		
108-88-3	toluene			11	40-49.99%
1330-20-7	xylene			1	2.5-4.99%

(Contd. on page 13)



Printing date 09/14/2022

Version number 430

Reviewed on 07/19/2022

Product number TV62

ACC X PE PROD Trade name:

(Contd. of page 12)

			(Corna: or page	, . <u> </u>		
	· T	LV (Threshold Limit Value)				
	108-88-3	toluene	F	44		
	1330-20-7	xylene	F	44		
· NIOSH-Ca (National Institute for Occupational Safety and Health)						
	None of the ingredients is listed.					

· National regulations:

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

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

16 Other information

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

- · Department issuing SDS: IVM Chemicals Srl
- · Contact: See emergency phone
 - Date of preparation / last revision 09/14/2022 / 429
 - · Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flammable Liquids 2: Flammable liquids - Category 2

Flammable Liquids 3: Flammable liquids - Category 3 Flammable Liquids 4: Flammable liquids - Category 4

Acute Toxicity - Dermal 4: Acute toxicity - Category 4

Skin Irrititation 2: Skin corrosion/irritation - Category 2

Eye Irritation 2A: Serious eye damage/eye irritation - Category 2A

Sensitization - Skin 1: Skin sensitisation - Category 1

Sensitization - Skin 1A: Skin sensitisation - Category 1A

Carcinogenicity 2: Carcinogenicity - Category 2

Toxic to Reproduction 1B: Reproductive toxicity - Category 1B

Toxic to Reproduction 2: Reproductive toxicity - Category 2

Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2

Aspiration Hazard 1: Aspiration hazard - Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard - Category 2 Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard - Category 3

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

Sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL and following amendments

Agency ECHA web site

INRS Fiche Toxicologique

IARC International agency for research on cancer

* * Data compared to the previous version altered.