

Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

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

- · 1.1 Product identifier
- Trade name: WeTraffic 492
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against See Section 16
- · Application of the substance / the mixture Textured coating
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

WestWood Liquid Technologies Limited 31 Morris Road Nuffield Industrial Estate Poole, Dorset BH17 0GG United Kingdom

Fon: +44 800 808 5480

Internet: www.westwood-uk.com

Further information obtainable from:

Product safety department Mr. Wayne Chissell Fon: +44 7725 940 678

Email: wayne.chissell@westwood-uk.com

Emergency telephone number:

24h - Emergency number Phone: +1 872 5888271 (W)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- · 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms





GHS02 GHS07

· Signal word Warning



Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 1)

· Hazard-determining components of labelling:

2-Ethylhexyl acrylate Methyl methacrylate diethanol-p-toluidine

Fatty acid, C 18 - unsaturated, dimers, reaction products with N, N-dimethyl-1,3-propanediamine

· Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P261 Avoid breathing vapours.

P280 Wear protective clothing/ eye protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water or shower.

P312 Call a POISON CENTER/ doctor if you feel unwell.

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

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Does not meet the PBT-criteria of Annex XIII of UK REACH (self assessment).
- · vPvB: Does not meet the vPvB-criteria of Annex XIII of UK REACH (self assessment).

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · **Description**: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 103-11-7 EINECS: 238-878-4 Reg.nr.: 01-2119453158-37	2-Ethylhexyl acrylate Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412	≥2.5-<10%
CAS: 80-62-6 EINECS: 202-615-1 Reg.nr.: 01-2119452498-28	Methyl methacrylate Flam. Liq. 2, H225; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	≥2.5-<10%
CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO2) STOT RE 1, H372	≥0-≤2.5%
EC number: 911-490-9 Reg.nr.: 01-2119979579-10	diethanol-p-toluidine Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥0.1-≤0.5%
CAS: 162627-17-0 Reg.nr.: 01-2119970640-38	Fatty acid, C 18 - unsaturated, dimers, reaction products with N, N-dimethyl-1,3-propanediamine Skin Sens. 1, H317	≥0.1-≤0.5%

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- General information:

Immediately remove any clothing soiled by the product.

Take affected persons out of danger area and lay down.

(Contd. on page 3)



Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 2)

Involve doctor immediately.

· After inhalation:

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

Take affected persons into fresh air and keep quiet.

Seek medical treatment.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Do not induce vomiting; call for medical help immediately.
- · 4.2 Most important symptoms and effects, both acute and delayed

Headache

Dizziness

Irritant to skin, eyes and respiratory system.

Skin sensitization.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- · Suitable extinguishing agents: Carbon dioxide, sand, extinguishing powder, foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Nitrogen oxides (NOx)

Carbon monoxide (CÓ)

- · 5.3 Advice for firefighters
- Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

· Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation



Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

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

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

6.3 Methods and material for containment and cleaning up:

Do not flush with water or aqueous cleansing agents

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

(Contd. on page 4)



Version number 4 Revision: 05.09.2025 Printing date 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 3)

· 6.4 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.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Cool down container when heated. Cool containers exposed to heat with water. Emergency cooling must be provided in the event of an ambient fire. Keep container tightly closed to prevent heat build up (pressure increase). Avoid heat.

Not giving remnants back into the storage vessels.

Providing good ventilating/suction at work.

at least 7-fold air changes per hour

Prevent formation of aerosols.

Information about fire - and explosion protection:

Highly volatile, flammable constituents are released during processing.

Keep ignition sources away - Do not smoke.

Fumes can combine with air to form an explosive mixture.

Only explosion-proof equipment.

Protect against electrostatic charges.

Protect from heat.

· 7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

Storage in a collecting room is required.

Store under lock and key and with access restricted to technical experts or their assistants only.

max. Storage temperature 30 ° C

Protect from heat and direct sunlight.

· 7.3 Specific end use(s) Building coating or sealing.

SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters
- Additional information about design of technical facilities: No further data; see section 7.
- · Ingredients with limit values that require monitoring at the workplace:

80-62-6 Methyl methacrylate (≥2.5-<10%)

WEL Short-term value: 416 mg/m³, 100 ppm

Long-term value: 208 mg/m³, 50 ppm

(Contd. on page 5)

(Contd. of page 4)



·DNELs

Safety data sheet according to UK REACH

Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

103-11-7 2	103-11-7 2-Ethylhexyl acrylate		
Dermal	DNEL	242 μg/cm² (Employee / Industrial / Commercial) Long-term and short-term	
Inhalative	DNEL	37.5 mg/m³ (Employee / Industrial / Commercial)	
		38 mg/m³ (human)	
80-62-6 Methyl methacrylate			
Inhalative	DNEL	208 mg/m³ (worker)	
	DNEL (worker)	210 mg/m³ (Long-term - local effects)	

105 mg/m3 (Long-term - local effects)

(,	210 mg/m³ (Long-term - systemic effects)
	Long-term
DNEL (population)	74.3 mg/m³ (Long-term - systemic effects)

diethanol-p-toluidine

Dermal	DNEL (worker)	1.4 mg/kg bw/day (Long-term - systemic effects)
Inhalative	DNEL (worker)	9.8 mg/m³ (Long-term - systemic effects)

PNECs

water

PNEC

103-11-7 2-Ethylhexyl acrylate

Boden	2.3 mg/l (Soil microorganisms)
	1 mg/l (ground)

PNEC 1 mg/kg

0.0023 mg/kg (oral intake) 0.126 mg/l (sediment) 0.002727 mg/l (freshwater)

PNEC 2.3 mg/l

80-62-6 Methyl methacrylate

_	_
PNEC	1.48 mg/kg
PNEC sediment	1.47 mg/kg dw (ground)
	5.74 mg/kg dw (freshwater)
PNEC	10 mg/l

0.094 mg/l (seawater) 0.94 mg/l (freshwater)

diethanol-p-toluidine

PNEC sediment 0.12 mg/kg dw (seawater)

1.2 mg/kg dw (water) 0.005 mg/l (seawater)

0.048 mg/l (water)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.



Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 5)

· Respiratory protection:

In interiors and at transgression of the limiting values breath filtration device: Filter type A1 using an air recycling independent breathing apparatus at high concentrations A2 at an intensive or longer outline. Ensure good ventilation.

· Protection of hands:



Protective gloves

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

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

General recommendation: The usage time of the protective gloves is approx. 50% of the penetration time measured in the laboratory!

Check protective gloves prior to each use for their proper condition.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Preventive skin protection by use of skin-protecting agents is recommended.

After use of gloves apply skin-cleaning agents and skin cosmetics.

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.

Protective gloves according EN 374.

Saitable material: nitrile.

Penetration time of glove material

Our Recommendation is mainly on a one-time use as a short-term protection Liquid splashes. For other applications, you should contact a glove manufacturer.

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

• For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

Butyl rubber, BR

- · For the permanent contact gloves made of the following materials are suitable: Butyl rubber, BR
- Not suitable are gloves made of the following materials: Leather gloves
- · Eye protection:



Tightly sealed goggles EN standard: EN 166

· Body protection:



Protective work clothing

GB —





Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 6)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Fluid

Colour: Different according to colouring

· Odour: after MMA · Odour threshold: Not determined.

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

Not determined.

· Change in condition

Melting point/freezing point: Undetermined. Initial boiling point and boiling range: Undetermined.

· Flash point: 25 °C (DIN EN ISO 3680)

· Flammability Flammable.

Not applicable.

· Auto-ignition temperature: 252 °C (2-EHA)

· **Ignition temperature:** Product is not selfigniting.

• Explosive properties: Not determined.

· Explosion limits:

Lower: 1.7 Vol % (MMA) Upper: 12.5 Vol % (MMA)

· Vapour pressure at 20 °C: 0.2 hPa (2-EHA)

Density at 20 °C: 1.82 g/cm³ (EN ISO 2811-1)

• Evaporation rate Not determined.

· Solubility in / Miscibility with

water: Not miscible or difficult to mix.

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

Dynamic at 20 °C: 7,600 mPas (EN ISO 2555) **Kinematic at 20 °C:** 4,176 mm²/s (EN ISO 2431)

· Solvent content:

Organic solvents: 0.1 %

VOC (EC) ≥0.08-<0.14 %

Solids content: 86.0 %

• 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1 Reactivity see Section 10.2
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.



Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 7)

· 10.3 Possibility of hazardous reactions

Exothermic reaction.

Reacts with peroxides and other radical forming substances.

A hazardous polymerization may occur after the exhaustion of the inhibitor.

- · 10.4 Conditions to avoid Avoid heat. Avoid direct sunlight.
- 10.5 Incompatible materials: Reactions with peroxides and other free-radical generators.
- 10.6 Hazardous decomposition products:

No dangerous decomposition prodocts used according to specifications.

· Additional information:

Emergency procedures will vary depending on individual circumstances. The customer should have a contingency plan to the workplace may be present.

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects There were no toxicological findings to the mixture.
- · Acute toxicity Based on available data, the classification criteria are not met.

Acute toxicity based on available data, the classification offeria are not met.		
· LD/LC50 values relevant for classification:		
Quartz sand		
Oral	LD50	>1,234,567 mg/kg
	LD50	>1,234,567 mg/kg
103-11-7	2-Ethylhe	xyl acrylate
Oral	LD50	4,435 mg/kg (rat) (BASF-Test)
	LD50	4,435 mg/kg (rat)
Dermal	LD50	7,522 mg/kg (hare)
	LC50	7,520 mg/kg (hare)
	LD50	7,522 mg/kg (hare)
80-62-6 M	ethyl met	thacrylate
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
	NOAEL	2,000 ppm (rat)
		n drinking water, 6-2000 ppm
		Findings: No toxic effects
	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (hare)
	LC50	>5,000 mg/kg (rabbit)
	LD50	>5,000 mg/kg (hare)
Inhalative	NOAEL	25 ppm (rat)
		25 - 400 ppm
		Findings: Damage to mucous membranes in the nose at 400 ppm
	LC50/4h	29.8 mg/l (rat)
diethanol	-p-toluidi	ne
Oral	LD50	500 mg/kg (ATE)
	•	

- · Primary irritant effect:
- Skin corrosion/irritation

Causes skin irritation.

- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation

May cause an allergic skin reaction.

(Contd. on page 9)



Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 8)

· Other information (about experimental toxicology):

Due to the high vapor pressure is a harmful concentration in the air quickly been reached. At high concentrations can occur narcotic effect.

- · Subacute to chronic toxicity: not tested
- Additional toxicological information:
- · Toxicokinetics, metabolism and distribution The drug is metabolized rapidly (MMA).

· Acute effe	cts (acute toxicity, irritation and corrosivity)
Quartz sai	nd
Oral LD50	>1,234,567 mg/kg
103-11-7 2	-Ethylhexyl acrylate
Oral LD50	4,435 mg/kg (rat)
80-62-6 Me	ethyl methacrylate
Oral LD50	>5,000 mg/kg (rat)

- · Repeated dose toxicity no data available
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) not tested
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxio	city
103-11-7 2	2-Ethylhexyl acrylate
EC50/21d	0.5 mg/l (daphnia)
80-62-6 M	ethyl methacrylate
EC3/16h	100 mg/l (Pseudomonas putida) (Cell proliferation inhibition test, Bringmann-Kühn)
EC50/21d	49 mg/l (daphnia)

 Aquatic toxicity 	/ :	:
--------------------------------------	------------	---

103-11-7 2-Ethy	Ihexyl acrylate
-----------------	-----------------

•	
other (28d)	>1,000 mg/kg (Soil microorganisms) (OECD 217)
	The product has not been tested. The statement has been derived from products of a similar structure or composition.
EC50/48h	1.3 mg/l (daphnia)
	1.3 mg/l (daphnia magna) (OECD-Richtline 202)
	Part 1
LC50/96h	1.81 mg/l (aquatic vertebrates - in vivo)

1.81 mg/l (fish)

1.81 mg/l (Rainbow trout) (OECD 203)

0.19 mg/l (daphnia magna)

The details of the toxic effect relates to the analytically determined concentration. The product has not been tested. The statement has been derived from products of a similar structure or composition.

(Contd. on page 10)



Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

	(Contd. of page 9)	
EC50/72h (static)	1.71 mg/l (scenedesmus subspicatus) (OECD 201) Die Angaben der toxischen Wirkung bezieht sich auf die analytisch ermittelte Konzentration.	
80-62-6 Methyl methacrylate		
EC50	170 mg/l (aquatic algae and cyanobacteria)	
EC50/48h	69 mg/l (daphnia)	
	69 mg/l (daphnia magna) (OECD 202)	
LC50/96h	>79 mg/l (aquatic vertebrates - in vivo)	
	>79 mg/l (Rainbow trout) (OECD 203)	
ErC50/72h	>110 mg/l (alga)	
	>110 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	
NOEC/72h	EC/72h 49 mg/l (alga)	
	>110 mg/l (Selenastrum capricornutum) (OECD 201)	
NOEC/21d	37 mg/l (daphnia)	
EC50/72h	>110 mg/l (Selenastrum capricornutum) (OECD 201)	
EC0	100 mg/l (eschrichia coli)	
NOEC	9.4 mg/l (Danio rerio) (OECD 210) fish early life stage test, 35 days	
	37 mg/l (daphnia magna) (OECD 211)	

- · 12.2 Persistence and degradability Easily biodegradable
- · 12.3 Bioaccumulative potential

2-EHA:

Can be accumulated in organisms.

bioaccumulation potential:

Bioconcentration Factor: 282.4 (calculated)

21 days

· 12.4 Mobility in soil

MMA: A binding to the solid phase of soil, sediment and sewage sludge is not expected. From the water surface the substance is slowly evaporated into the atmosphere. Where the substance into the environment he verleibt preferably in the compartment into which it has emerged.

- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow product to reach ground water, water course or sewage system.

- 12.5 Results of PBT and vPvB assessment
- · PBT: Does not meet the PBT-criteria of Annex XIII of UK REACH (self assessment).
- · vPvB: Does not meet the vPvB-criteria of Annex XIII of UK REACH (self assessment).
- 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

Hazardous waste according to Waste Catalogue (EWC). If recycling is not possible, waste must be in compliance with local regulations to be removed.

(Contd. on page 11)



Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 10)

· Recommendation



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

Uncured product residues are special waste.

Cured product residues are not hazardous waste.

- · Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations.

This product (liquid) and its container must be disposed of as hazardous waste.

SECTION 14: Transport information		
· 14.1 UN-Number · ADR, ADN, IMDG · IATA	Void UN1263	
· 14.2 UN proper shipping name · ADR, ADN, IMDG · IATA	Void PAINT	
· 14.3 Transport hazard class(es)		
· ADR, ADN, IMDG · Class	Void	
·IATA		
· Class · Label	3 Flammable liquids. 3	
· 14.4 Packing group · ADR, IMDG · IATA	Void III	
· 14.5 Environmental hazards: · Marine pollutant: No		
· 14.6 Special precautions for user	Not applicable.	
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.		
· Transport/Additional information:		
· ADR · Remarks:	> 450 I: 3 F1, III	
· IMDG · Remarks:	> 450 l: 3, III	

(Contd. on page 12)





Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 11)

· UN "Model Regulation": Void

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Poisons Act
- Regulated explosives precursors

None of the ingredients is listed.

- · Regulated poisons
 - None of the ingredients is listed.
- · Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- · National regulations:
- · Information about limitation of use:

Employment restrictions under the Maternity Protection Directive (94/33/EC).

Employment restrictions for maternity Directive (92/85/EEC) for expectant and nursing mothers.

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

SECTION 16: Other information

These figures relate to the product as delivered.

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.

Sector of Use

Relevant identified uses of the mixture

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU19 Building and construction work

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Uses advised against

SU21 Consumer uses: Private households / general public / consumers

Relevant phrases

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

(Contd. on page 13)

Page 13/13



Safety data sheet according to UK REACH

Printing date 05.09.2025 Version number 4 Revision: 05.09.2025

Trade name: WeTraffic 492

(Contd. of page 12)

H335 May cause respiratory irritation.

H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Training hints

Teaching about hazards and precautions to hand the operating instructions (Technical Rule 555). Instruction must take place before the start of employment and at least annually thereafter.

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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) VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Skin Sens. 1: Skin sensitisation - Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1

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

Sources

www.gestis.de www.echa.eu logkow.cisti.nrc.ca

* Data compared to the previous version altered.