

**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**  
**according to Regulation (EU) 2020/878**

220X00  
Version 1.0

Touch-up Dye  
Revision date 16 Oct 2025



Print date 10 Nov 2025

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

**1.1 Product identifier**

**Trade name/designation**

220X00 Touch-up Dye  
Art. no. 220000, 220900  
all colours, all gloss values  
UFI: E71C-5VEE-320F-3TQA

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

**Relevant identified uses**

Coating (Paint, Varnish)

**Uses advised against**

Do not use for products which come into contact with the food stuffs.

**1.3 Details of the supplier of the safety data sheet**

**Supplier**

Heinrich König GmbH & Co.KG  
An der Rosenhelle 5  
61138 Niederdorfelden  
Germany  
Telephone: +49610153600  
Telefax: +496101536011  
E-mail: info@heinrich-koenig.de  
Website: www.heinrich-koenig.de

**Department responsible for information**

E-mail (competent person): SDB@heinrich-koenig.de  
Telephone: Telephone: +496101536071

**1.4 Emergency telephone number**

Emergency CONTACT (24-Hour-Number): GBK GmbH  
+496132-84463

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 2 H225 Highly flammable liquid and vapour.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
STOT SE 3 Narcotic effects H336 May cause drowsiness or dizziness.

**2.2 Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**



GHS02 GHS07

**Signal word**

Danger

**Hazard statements**

H225 Highly flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H336 May cause drowsiness or dizziness.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280 Wear protective gloves and eye protection/face protection.  
P370 + P378 In case of fire: Use foam to extinguish.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.

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**Hazard components for labelling**

1-methoxy-2-propanol  
C.I. Solvent Red 122  
C.I. Solvent Yellow 88

**Supplemental hazard information**

not applicable

**2.3 Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.  
This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**SECTION 3: Composition/information on ingredients.**

**3.2 Mixtures**

**Description**

Dye solution

**Hazardous ingredients**

CAS No. EC No. Index No.	Substance name REACH No. Classification according to Regulation (EC) No 1272/2008 [CLP]	% [mass]
107-98-2 203-539-1 603-064-00-3	<b>1-methoxy-2-propanol</b> 01-2119457435-35-xxxx Flam. Liq. 3 H226 / STOT SE 3 H336 ATE (oral): = 4,016 mg/kg ATE (dermal): > 2,000 mg/kg ATE (inhalative): > 25.8 mg/L (4 h)	50,0 < 70,0
34590-94-8 252-104-2 -	<b>(2-methoxymethylethoxy)propanol</b> 01-2119450011-60-xxxx ATE (dermal): = 9,510 mg/kg ATE (oral): > 5,000 mg/kg ATE (inhalative): = 3.35 mg/L (4 h) Substance with a common (EC) occupational exposure limit value.	8,00 < 10,0
85029-57-8 285-082-8 -	<b>C.I. Solvent Red 122</b> Skin Sens. 1B H317 / Aquatic Chronic 3 H412 ATE (dermal): > 2,000 mg/kg ATE (oral): > 2,000 mg/kg	0,250 < 0,300
85408-46-4 287-007-4 -	<b>C.I. Solvent Yellow 88</b> 01-2120766190-58-xxxx Skin Sens. 1A H317 / Aquatic Chronic 2 H411 ATE (oral): > 5,000 mg/kg ATE (inhalative): > 9.5 mg/L (4 h)	0,150 < 0,200

**Remark**

Full text of H- and EUH-statements: see section 16.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

In all cases of doubt, or when symptoms persist, seek medical advice. If unconscious but breathing normally, place in recovery position and seek medical advice.

**Following inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

**Following skin contact**

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners. Wash contaminated clothing before reuse.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

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**Following ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

**Self-protection of the first aider**

First aider: Pay attention to self-protection!

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

**Symptoms**

In all cases of doubt, or when symptoms persist, seek medical advice.

**4.3 Indication of any immediate medical attention and special treatment needed**

First Aid, decontamination, treatment of symptoms.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Powder, spray mist, (water)

**Unsuitable extinguishing media**

Strong water jet

**5.2 Special hazards arising from the substance or mixture**

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

**Hazardous combustion products**

Hazardous combustion products: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, smoke, Nitrogen oxides (NO<sub>x</sub>).

**5.3 Advice for firefighters**

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Ventilate affected area. Do not breathe vapours.

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

**6.3 Methods and material for containment and cleaning up**

**For containment**

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

**For cleaning up**

Clean using cleansing agents. Do not use solvents.

**6.4 Reference to other sections**

Safe handling: see section 7

Personal protection equipment: refer to section 8

Disposal: see section 13

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

**Advices on safe handling**

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. Personal protection equipment: see section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

**Advices on general occupational hygiene**

When using do not eat, drink or smoke.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

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Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)".

**Hints on joint storage**

Keep away from strongly acidic and alkaline materials as well as oxidizers.

**Storage class** LGK3 - Flammable liquids

**Further information on storage conditions**

Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

**7.3 Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limit values**

CAS No.	Substance name	Source	Long-term /short-term (Spitzenbegrenzung)
34590-94-8	(2-methoxymethylethoxy)propanol	WEL	308 / - ( - ) mg/m <sup>3</sup> (may be absorbed through the skin)
107-98-2	1-methoxy-2-propanol	WEL	375 / 560 ( - ) mg/m <sup>3</sup> (may be absorbed through the skin)
-	Ethanol	WEL	1,920 / - ( - ) mg/m <sup>3</sup>

**Additional information**

Long-term: Long-term occupational exposure limit value

short-term: short-term occupational exposure limit value

**Biological limit values**

No data available

**DNEL worker**

CAS No.	Substance name	DNEL type	DNEL value
34590-94-8	(2-methoxymethylethoxy)propanol	DNEL long-term inhalative (systemic)	308 mg/m <sup>3</sup>
34590-94-8	(2-methoxymethylethoxy)propanol	DNEL long-term dermal (systemic)	283 mg/kg
107-98-2	1-methoxy-2-propanol	DNEL long-term inhalative (systemic)	369 mg/m <sup>3</sup>
107-98-2	1-methoxy-2-propanol	DNEL acute inhalative (systemic)	553.5 mg/m <sup>3</sup>
107-98-2	1-methoxy-2-propanol	DNEL acute inhalative (local)	553.5 mg/m <sup>3</sup>
107-98-2	1-methoxy-2-propanol	DNEL long-term dermal (systemic)	183 mg/kg

**DNEL Consumer**

CAS No.	Substance name	DNEL type	DNEL value
34590-94-8	(2-methoxymethylethoxy)propanol	DNEL long-term inhalative (systemic)	37.2 mg/m <sup>3</sup>
34590-94-8	(2-methoxymethylethoxy)propanol	DNEL long-term dermal (systemic)	121 mg/kg
34590-94-8	(2-methoxymethylethoxy)propanol	DNEL long-term oral (repeated)	36 mg/kg
107-98-2	1-methoxy-2-propanol	DNEL long-term inhalative (systemic)	43.9 mg/m <sup>3</sup>
107-98-2	1-methoxy-2-propanol	DNEL long-term dermal (systemic)	78 mg/kg

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107-98-2	1-methoxy-2-propanol	DNEL long-term oral (repeated)	33 mg/kg
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**PNEC**

CAS No.	Substance name	PNEC type	PNEC Value
34590-94-8	(2-methoxymethylethoxy)propanol	PNEC sediment, freshwater	70.2 mg/kg
34590-94-8	(2-methoxymethylethoxy)propanol	PNEC aquatic, marine water	1.9 mg/L
34590-94-8	(2-methoxymethylethoxy)propanol	PNEC aquatic, intermittent release	190 mg/L
34590-94-8	(2-methoxymethylethoxy)propanol	PNEC aquatic, freshwater	19 mg/L
34590-94-8	(2-methoxymethylethoxy)propanol	PNEC sediment, marine water	7.02 mg/kg
34590-94-8	(2-methoxymethylethoxy)propanol	PNEC soil, freshwater	2.74 mg/kg
34590-94-8	(2-methoxymethylethoxy)propanol	PNEC sewage treatment plant (STP)	4,168 mg/L
107-98-2	1-methoxy-2-propanol	PNEC sediment, freshwater	52.3 mg/kg
107-98-2	1-methoxy-2-propanol	PNEC aquatic, marine water	1 mg/L
107-98-2	1-methoxy-2-propanol	PNEC aquatic, intermittent release	100 mg/L
107-98-2	1-methoxy-2-propanol	PNEC aquatic, freshwater	10 mg/L
107-98-2	1-methoxy-2-propanol	PNEC sediment, marine water	5.2 mg/kg
107-98-2	1-methoxy-2-propanol	PNEC soil, freshwater	4.59 mg/kg
107-98-2	1-methoxy-2-propanol	PNEC sewage treatment plant (STP)	100 mg/L

**8.2 Exposure controls**

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

**Personal protection equipment**

**Respiratory protection**

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

**Hand protection**

Suitable material: NBR (Nitrile rubber)  
Thickness of the glove material  $\geq 0.4$  mm  
Breakthrough time  $\geq 480$  min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin.  
Recommended glove articles: EN ISO 374

**Skin protection**

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye/face protection**

Eye glasses with side protection: EN 166

**Body protection**

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. Anti-static clothing including shoes are recommended.

**Remark**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Colour	refer to label

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Odour	typical
pH at 20 °C	not applicable
Melting point/freezing point	not determined
Initial boiling point and boiling range	78 °C
Flash point	12 °C
flammability	Highly flammable liquid and vapour.
Lower explosion limit at 20°C	1.1 Vol-% Source: (2-methoxymethylethoxy)propanol
Upper explosion limit at 20°C	15 Vol-% Source: Ethanol
Vapour pressure at 20°C	30.297 mbar
Relative vapour density	not applicable
Density at 20 °C	0.9 kg/l
Water solubility at 20°C	partially soluble
Partition coefficient: n-octanol/water	see section 12
Auto-ignition temperature	207 °C Source: (2-methoxymethylethoxy)propanol
Decomposition temperature	not determined
Viscosity at 20 °C	80 mm²/s
particle characteristics	not applicable

## 9.2 Other information

solvent content	92.3 %
Water content:	0 %

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

### 10.3 Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

### 10.4 Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

### 10.5 Incompatible materials

No further relevant information available.

### 10.6 Hazardous decomposition products

Decomposition products in case of fire: see section 5.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### (2-methoxymethylethoxy)propanol

LD50: dermal (Rabbit): = 9,510 mg/kg

LD50: oral (Rat): > 5,000 mg/kg

LC50: inhalative (Rat): = 3.35 mg/L (4 h)

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**1-methoxy-2-propanol**

LD50: oral (Rat): = 4,016 mg/kg

LD50: dermal (Rabbit): > 2,000 mg/kg

LC50: inhalative (Rat): > 25.8 mg/L (4 h)

**C.I. Solvent Red 122**

LD50: dermal (Rabbit): > 2,000 mg/kg

LD50: oral (Rat): > 2,000 mg/kg

**C.I. Solvent Yellow 88**

LD50: oral (Rat): > 5,000 mg/kg

LC50: inhalative (Rat): > 9.5 mg/L (4 h)

**Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation**

Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

**Overall assessment on CMR properties**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause drowsiness or dizziness.

**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.

**Practical experience/human evidence**

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: Headache, Dizziness, fatigue, amyosthenia, Dizziness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**SECTION 12: Ecological information**

**12.1 Toxicity**

Based on available data, the classification criteria are not met.

**(2-methoxymethylethoxy)propanol**

EC10: (*Pseudomonas putida*): = 4,168 mg/L (18 h)

**C.I. Solvent Yellow 88**

EC50 > 100 mg/L (3 h)

**Algae toxicity**

**(2-methoxymethylethoxy)propanol**

ErC50: (*Pseudokirchneriella subcapitata*): > 969 mg/L (96 h)

Method: OECD 201

**1-methoxy-2-propanol**

ErC50: (*Pseudokirchneriella subcapitata*): > 1,000 mg/L (168 h)

Method: OECD 201

ErC50: (*Pseudokirchneriella subcapitata*): > 1,000 mg/L (168 h)



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**Daphnia toxicity**

**(2-methoxymethylethoxy)propanol**

EC50 (Daphnia magna (Big water flea)): = 1,919 mg/L (48 h)

Method: OECD 202

NOEC (Daphnia magna (Big water flea)): > 0.5 mg/L (22 d)

**Fish toxicity**

LC50: (Poecilia reticulata (Guppy)): > 1,000 mg/L (96 h)

Method: OECD 203

**1-methoxy-2-propanol**

LC50: (Leuciscus idus (golden orfe)): = 6,812 mg/L (96 h)

**12.2 Persistence and degradability**

**(2-methoxymethylethoxy)propanol**

Biodegradation = 75 % (10 d)

**1-methoxy-2-propanol**

Biodegradation = 96 % (28 d)

**12.3 Bioaccumulative potential**

**(2-methoxymethylethoxy)propanol**

Bioconcentration factor (BCF) = 100

Partition coefficient: n-octanol/water = 0.006

**1-methoxy-2-propanol**

Partition coefficient: n-octanol/water = 0.37

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6 Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meet the criteria.

**12.7 Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product/Packaging disposal**

Do not empty into drains; dispose of this material and its container in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**Waste codes/waste designations according to EWC/AVV**

080111\* - Waste paint and varnish containing organic solvents or other dangerous substances

\* Hazardous waste according to Directive 2008/98/EC (waste framework directive).

**Other disposal recommendations**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

UN 1263

**14.2 UN proper shipping name**

**Land transport (ADR/RID)**

Paint

**Sea transport (IMDG)**

Paint

**Air transport (ICAO-TI / IATA-DGR)**

Paint



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**14.3 Transport hazard class(es)**

Land transport (ADR/RID)	3
Sea transport (IMDG)	3
Air transport (ICAO-TI / IATA-DGR)	3

**14.4 Packing group**

Land transport (ADR/RID)	II
Sea transport (IMDG)	II
Air transport (ICAO-TI / IATA-DGR)	II

**14.5 Environmental hazards**

Land transport (ADR/RID)	not applicable
Sea transport (IMDG)	not applicable

**14.6 Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**14.7 Maritime transport in bulk according to IMO instruments**

No transport as bulk according to IBC Code.

**14.8 Additional information**

**Land transport (ADR/RID)**

Tunnel restriction code: D/E

Limited quantity (LQ): 5 ltr

Hazard identification number (Kemler No.): 33

**Sea transport (IMDG)**

EmS-No.: F-E, S-E

Limited quantity (LQ): 5 ltr

**Air transport (ICAO-TI / IATA-DGR)**

Limited quantity (LQ): 1 Liter

**SECTION 15: Regulatory information**

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

**EU legislation**

**Authorisations and/or restrictions on use**

**Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)**

Use restriction according to REACH annex XVII, no.: 03, 40

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable.  
Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.

**Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]**

VOC value: 829 g/l

**Directive 2004/42/EC on the limitation of emissions of volatile organic compounds**

VOC limit value: 2004/42/IIB(e): 840 g/l (2007)

Maximum VOC content of the product in a ready to use condition: 829 g/L

This product meets the requirements of Regulation (EC) No. 1935/2004 on the limitation of VOC content.

**Regulation (EU) No. 528/2012 on biocides**

biocide, active substance: Ethanol

biocide, active substance: 3-methyl-1-phenyl-5-pyrazolone

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]**

**Hazard categories / Named dangerous substances**

P5c FLAMMABLE LIQUIDS

Quantity 1: 5,000t; Quantity 2: 50,000t

**National regulations**

Observe in addition any national regulations!

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**Water hazard class**

**15.2 Chemical Safety Assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

REACH No.	Substance name	CAS No. EC No.
01-2119450011-60-xxxx	(2-methoxymethylethoxy)propanol	34590-94-8 252-104-2
01-2119457435-35-xxxx	1-methoxy-2-propanol	107-98-2 203-539-1
01-2120766190-58-xxxx	C.I. Solvent Yellow 88	85408-46-4 287-007-4

**SECTION 16: Other information**

**List of relevant hazard statements and/or precautionary statements from sections 2 to 15**

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

Flam. Liq. 2	On basis of test data.
Skin Sens. 1	Calculation method.
STOT SE 3 Narcotic effects	Calculation method.

**Key literature references and sources for data**

Data arise from reference works and literature.

**Abbreviations and acronyms**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
OEL: Occupational Exposure Limit Value  
BLV: Biological limit values  
CAS: Chemical Abstracts Service  
CLP: Classification, Labelling and Packaging  
CMR: Carcinogenic, Mutagenic and Reprotoxic  
DIN: German Institute for Standardization / German industrial standard  
DNEL: Derived No-Effect Level  
EAKV: European Waste Catalogue Directive  
EC: Effective Concentration  
EC: European Community  
EN: European Standard  
EU/EEA: European Economic Area  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
ICAO-TI: International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG Code: International Maritime Code for Dangerous Goods  
ISO: International Organization for Standardization  
LC: Lethal Concentration  
LD: Lethal Dose  
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MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
OECD: Organisation for Economic Cooperation and Development  
PBT: persistent, bioaccumulative, toxic  
PNEC: Predicted No Effect Concentration  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
UN: United Nations  
VOC: Volatile Organic Compounds  
vPvB: very persistent and very bioaccumulative

**Indication of changes**

\* Data changed compared with the previous version.