

Quick Prime 1K-PU universal

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

1.1 Product identifier

Quick Prime 1K-PU universal

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

1.2.1 Relevant uses

Primer

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Voelkel Industrie Produkte GmbH
Frauenstrasse 31
82216 Maisach / GERMANY
Phone +49 (0) 8141 35 549 0
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Homepage www.vip-gmbh.com
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Technical information info@vip-gmbh.com

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (english)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Flam. Liq. 3: H226 Flammable liquid and vapour.
Carc. 2: H351 Suspected of causing cancer.
STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure.
Skin Irrit. 2: H315 Causes skin irritation.
Skin Sens. 1: H317 May cause an allergic skin reaction.
Eye Irrit. 2: H319 Causes serious eye irritation.
Acute Tox. 4: H332 Harmful if inhaled.
Resp. Sens. 1: H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT SE 3: H335 May cause respiratory irritation.
STOT SE 3: H336 May cause drowsiness or dizziness.
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

Quick Prime 1K-PU universal

2.2 Label elements

The product is classified and required to be labelled in accordance with EC-Directives

Hazard pictograms



Signal word

DANGER

Contains:

Diphenylmethanediisocyanate, isomeres and homologues

Xylene, mixture of isomers

Hazard statements

H226 Flammable liquid and vapour.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P201 Obtain special instructions before use.

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

P260 Do not breathe vapours / spray.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P284 In case of inadequate ventilation wear respiratory protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER / doctor.

P337+P313 If eye irritation persists: Get medical advice / attention.

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

P501 Dispose of contents / container to in accordance with local / regional / national / international regulation.

Special labelling

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH204 Contains isocyanates. May produce an allergic reaction.

2004/42/CE

494 g/l II A i SB One-pack performance coatings (max. 500 g/l)

2.3 Other hazards

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

Product-type:

The product is a mixture.

Range [%]	Substance
25 - 50	Diphenylmethanediisocyanate, isomeres and homologues CAS: 9016-87-9 GHS/CLP: Carc. 2: H351 - Acute Tox. 4: H332 - STOT RE 2: H373 - Eye Irrit. 2: H319 - STOT SE 3: H335 - Skin Irrit. 2: H315 - Resp. Sens. 1: H334 - Skin Sens. 1: H317
25 - 50	Xylene, mixture of isomers CAS: 1330-20-7, EINECS/ELINCS: 215-535-7, EU-INDEX: 601-022-00-9 GHS/CLP: Flam. Liq. 3: H226 - Acute Tox. 4: H312 H332 - Skin Irrit. 2: H315
10 - <25	Solvent naphtha (petroleum), lighth aromatic CAS: 64742-95-6, EINECS/ELINCS: 918-668-5, EU-INDEX: 649-356-00-4 GHS/CLP: Flam. Liq. 3: H226 - STOT SE 3: H335 - Asp. Tox. 1: H304 - STOT SE 3: H336 - Aquatic Chronic 2: H411
10 - <25	Polypropylene glycol CAS: 25322-69-4, EINECS/ELINCS: 500-039-8 GHS/CLP: Acute Tox. 4: H302
2,5 - 10	Ethylbenzene CAS: 100-41-4, EINECS/ELINCS: 202-849-4, EU-INDEX: 601-023-00-4 GHS/CLP: Flam. Liq. 2: H225 - Acute Tox. 4: H332

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change soaked clothing immediately.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

In case of contact with skin wash off immediately with soap and water.
Consult a doctor if skin irritation persists.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion

Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.
Consult a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media Alcohol-resistant foam.
Carbon dioxide.
Dry powder.
Water spray jet.

Extinguishing media that must not be used Full water jet

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Carbon monoxide (CO)
Nitrogen oxides (NO_x).
Hydrogen cyanide (HCN).

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Wear full protective suit.

Cool containers at risk with water spray jet.
Collect contaminated firefighting water separately, must not be discharged into the drains.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
Use personal protective equipment.
Use breathing apparatus if exposed to vapours/aerosol.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Provide good room ventilation even at ground level (vapours are heavier than air).
Keep away from open flames, hot surfaces and sources of ignition.
Vapours can form an explosive mixture with air.
Take precautionary measures against static discharges.
Use explosion-proofed equipment/fittings and non-sparking tools.

Do not eat, drink, smoke or take drugs at work.
Remove soiled or soaked clothing immediately.
Showers and eye wash stations should be provided.
Cloths contaminated with product should not be kept in trouser pockets.
Clean skin thoroughly after work, apply skin cream.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Prevent penetration into the ground.
Keep only in original container.

Keep away from water.
Do not store with amines
Do not store with alkalies.
Do not store together with acids.

Keep container tightly closed.
Container should not be gas-tight.
Keep container in a well-ventilated place.
Keep in a cool place. Store in a dry place.
Protect from heat/overheating and from sun.
Recommended storage temperature: 15-25 °C.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Range [%]	Substance
25 - 50	Xylene, mixture of isomers
	CAS: 1330-20-7, EINECS/ELINCS: 215-535-7, EU-INDEX: 601-022-00-9
	Long-term exposure: 50 ppm, 220 mg/m ³ , Sk, BMGV
	Short-term exposure (15-minute): 100 ppm, 441 mg/m ³
25 - 50	Diphenylmethanediisocyanate, isomeres and homologues
	CAS: 9016-87-9
	Long-term exposure: 0,02 mg/m ³ , as NCO, Sen
	Short-term exposure (15-minute): 0,07 mg/m ³
10 - <25	Solvent naphtha (petroleum), lighth aromatic
	CAS: 64742-95-6, EINECS/ELINCS: 918-668-5, EU-INDEX: 649-356-00-4
	Long-term exposure: 100 mg/m ³

Ingredients with occupational exposure limits to be monitored (EU)

Range [%]	Substance / EC LIMIT VALUES
25 - 50	Xylene, mixture of isomers
	CAS: 1330-20-7, EINECS/ELINCS: 215-535-7, EU-INDEX: 601-022-00-9
	Eight hours: 50 ppm, 221 mg/m ³ , H
	Short-term (15-minute): 100 ppm, 442 mg/m ³

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	safety glasses (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. 0,7mm: Butyl rubber, >480 min (EN 374). 0,7mm: Neoprene, >480 min (EN 374). Synthetic rubber gloves.
Skin protection	Solvent-resistant protective clothing.
Other	Do not breathe vapour/spray. Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)
Thermal hazards	not applicable
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	liquid
Color	brown
Odor	aromatic
Odour threshold	No information available.
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	137
Flash point [°C]	30
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	0,7 Vol.%
Upper explosion limit	7,5 Vol.%
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/ml]	0,98-1,02 (20°C)
Bulk density [kg/m³]	not applicable
Solubility in water	immiscible
Partition coefficient [n-octanol/water]	No information available.
Viscosity	100-200 mPas (20°C) 14 s (23°C, DIN 53224 6mm)
Relative vapour density determined in air	No information available.
Evaporation speed	No information available.
Melting point [°C]	No information available.
Autoignition temperature [°C]	No information available.
Decomposition temperature [°C]	No information available.

9.2 Other information

Ignition Temperature: 355°C

SECTION 10: Stability and reactivity

10.1 Reactivity

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Violent reaction with water at high temperatures.
Reactions with alcohols, amines, aqueous acids and alkalies.

10.4 Conditions to avoid

See SECTION 7.2.



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10.5 Incompatible materials

See SECTION 10.3.

Reactions with water, with formation of carbon dioxide.

10.6 Hazardous decomposition products

In the case of heating following (decomposition) products may occur:

Toxic gases/vapours.

In the event of fire: See SECTION 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Range [%]	Substance
25 - 50	Diphenylmethanediisocyanate, isomeres and homologues, CAS: 9016-87-9
	LD50, oral, Rat: > 10000 mg/kg.
	LD50, dermal, Rabbit: > 9400 mg/kg.
	LC50, inhalative, Rat: 0,31 mg/l/4h (OECD 403).
	NOAEL, inhalative, Rat: 12 mg/m ³ (OECD 414).
	NOAEL, inhalative, Rat: 0,2 mg/m ³ (OECD 453).
10 - <25	Solvent naphtha (petroleum), lighth aromatic, CAS: 64742-95-6
	LD50, oral, Rat: 6800 mg/kg.
	LD50, dermal, Rabbit: 3400 mg/kg.
	LC50, inhalative, Rat: > 10,2 mg/l/4h.
10 - <25	Polypropylene glycol, CAS: 25322-69-4
	LD50, dermal, Rabbit: > 10000 mg/kg (Lit.).
	LD50, oral, Rat: 2000 mg/kg (Lit.).
25 - 50	Xylene, mixture of isomers, CAS: 1330-20-7
	LD50, dermal, Rabbit: 4350 mg/kg (IUCLID).
	LD50, oral, Rat: 2840 mg/kg (Lit.).
	LC50, inhalative, Rat: 28 mg/l/4h (IUCLID).
2,5 - 10	Ethylbenzene, CAS: 100-41-4
	LD50, oral, Rat: 3500 mg/kg.
	LD50, dermal, Rabbit: 17800 mg/kg.
	LC50, inhalative, Rat: 17,2 mg/l (4 h).

Serious eye damage/irritation	Toxicological data of complete product are not available. Irritant Calculation method
Skin corrosion/irritation	Toxicological data of complete product are not available. Irritant Calculation method
Respiratory or skin sensitisation	Toxicological data of complete product are not available. Sensitizing. Calculation method
Specific target organ toxicity — single exposure	Toxicological data of complete product are not available. Vapours may cause drowsiness and dizziness. May cause respiratory irritation. Calculation method
Specific target organ toxicity — repeated exposure	Toxicological data of complete product are not available. May cause damage to organs through prolonged or repeated exposure. Calculation method
Mutagenicity	Toxicological data of complete product are not available. Does not contain a relevant substance that meets the classification criteria.
Reproduction toxicity	Toxicological data of complete product are not available. Does not contain a relevant substance that meets the classification criteria.
Carcinogenicity	Toxicological data of complete product are not available. Suspected of causing cancer. Calculation method
Aspiration hazard	Based on the available information, the classification criteria are not fulfilled.
General remarks	

The product was classified on the basis of the calculation procedure of the preparation

directive.

SECTION 12: Ecological information

12.1 Toxicity

Range [%]	Substance
25 - 50	Diphenylmethanediisocyanate, isomeres and homologues, CAS: 9016-87-9
	LC50, (96h), Danio rerio: > 1000 mg/l (OECD 203).
	EC50, (3h), Bacteria: > 100 mg/l (OECD 209).
	EC50, (24h), Daphnia magna: > 1000 mg/l (OECD 202).
	NOEC, (21d), Daphnia magna: > 10 mg/l (OECD 202).
	ErC50, (72h), Scenedesmus subspicatus: > 1640 mg/l (OECD 201).
10 - <25	Polypropylene glycol, CAS: 25322-69-4
	LC50, (96h), Pimephales promelas: > 100 mg/l (Lit.).
	EC50, (48h), Daphnia magna: > 100 mg/l (Lit.).
25 - 50	Xylene, mixture of isomers, CAS: 1330-20-7
	LC50, (96h), Oncorhynchus mykiss: 8,2 mg/l (ECOTOX Database).
	EC50, (24h), Daphnia magna: 75,5 mg/l (ECOTOX Database).
2,5 - 10	Ethylbenzene, CAS: 100-41-4
	LC50, (96h), Oncorhynchus mykiss: 4,2 mg/l.
	LC50, (96h), Pimephales promelas: 12,1 mg/l.
	LC50, (96h), Carassius auratus: 94,44 mg/l.
	EC50, (48h), Daphnia magna: 1,8 - 2,9 mg/l.
	IC50, (72h), Selenastrum capricornutum: 4,6 mg/l.

12.2 Persistence and degradability

Behaviour in environment compartments	No information available.
Behaviour in sewage plant	No information available.
Biological degradability	No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

Ecological data of complete product are not available.
Do not discharge product unmonitored into the environment or into the drainage.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
 For recycling, consult manufacturer.

Waste no. (recommended)

080111*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
 Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended)

150110*

SECTION 14: Transport information

14.1 UN number

See SECTION 14.2 in accordance with UN shipping name

14.2 UN proper shipping name

Transport by land according to ADR/RID UN 1993 Flammable liquid, n.o.s. (Xylene , Solvent naphtha (petroleum), light arom) 3 III

- Classification Code

F1

- Label



- ADR LQ

5 I

- ADR 1.1.3.6 (8.6)

Transport category (tunnel restriction code) 3 (D/E)

Inland navigation (ADN)

UN 1993 Flammable liquid, n.o.s. (Xylene , Solvent naphtha (petroleum), light arom) 3 III

- Classification Code

F1

- Label



Marine transport in accordance with IMDG

UN 1993 Flammable liquid, n.o.s. (Xylene , Solvent naphtha (petroleum), light arom) 3 III

- EMS

F-E, S-E

- Label



- IMDG LQ

5 I

Air transport in accordance with IATA

UN 1993 Flammable liquid, n.o.s. (Xylene , Solvent naphtha (petroleum), light arom) 3 III

- Label



14.3 Transport hazard class(es)

See SECTION 14.2 in accordance with UN shipping name

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14.4 Packing group

See SECTION 14.2 in accordance with UN shipping name

14.5 Environmental hazards

See SECTION 14.2 in accordance with UN shipping name

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available.

SECTION 15: Regulatory information

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

EEC-REGULATIONS	1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC; (EU) 2015/830
TRANSPORT-REGULATIONS	DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2015).
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4
- Observe employment restrictions for people	Observe employment restrictions for young people. Observe employment restrictions for mothers-to-be and nursing mothers.
- VOC (1999/13/CE)	> 35 %

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H411 Toxic to aquatic life with long lasting effects.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure through inhalation.
H351 Suspected of causing cancer.
H315 Causes skin irritation.
H312+H332 Harmful in contact with skin or if inhaled.
H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H225 Highly flammable liquid and vapour.

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16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV@/TWA = Threshold limit value – time-weighted average
TLV@STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Flam. Liq. 3: H226 Flammable liquid and vapour. (Calculation method)
Carc. 2: H351 Suspected of causing cancer. (Calculation method)
STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure. (Calculation method)
Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)
Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
Acute Tox. 4: H332 Harmful if inhaled. (Calculation method)
Resp. Sens. 1: H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. (Calculation method)
STOT SE 3: H335 May cause respiratory irritation. (Calculation method)
STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

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Modified position

SECTION 15 been added: EUH204 Contains isocyanates. May produce an allergic reaction.

SECTION 15 been added: EUH066 Repeated exposure may cause skin dryness or cracking.

SECTION 2 been added: Skin Irrit. 2

SECTION 2 been added: Resp. Sens. 1

SECTION 2 been added: H332 Harmful if inhaled.

SECTION 2 been added: Acute Tox. 4

SECTION 2 been added: H319 Causes serious eye irritation.

SECTION 2 been added: Eye Irrit. 2

SECTION 2 been added: H317 May cause an allergic skin reaction.

SECTION 2 been added: Skin Sens. 1

SECTION 2 been added: DANGER

SECTION 2 been added: Ausrufezeichen

SECTION 2 been added: H373 May cause damage to organs through prolonged or repeated exposure.

SECTION 2 been added: STOT RE 2

SECTION 2 been added: H226 Flammable liquid and vapour.

SECTION 2 been added: Flamme

SECTION 2 been added: Flam. Liq. 3

SECTION 2 been added: H351 Suspected of causing cancer.

SECTION 2 been added: Gesundheitsgefahr

SECTION 2 been added: Carc. 2

SECTION 2 been added: H315 Causes skin irritation.

SECTION 2 been added: P201 Obtain special instructions before use.

SECTION 2 been added: P337+P313 If eye irritation persists: Get medical advice / attention.

SECTION 2 been added: P501 Dispose of contents / container to in accordance with local / regional / national / international regulation.

SECTION 2 been added: P403+P235 Store in a well-ventilated place. Keep cool.

SECTION 2 been added: P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER / doctor.

SECTION 2 been added: P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

SECTION 2 been added: P284 In case of inadequate ventilation wear respiratory protection.

SECTION 2 been added: P280 Wear protective gloves / protective clothing / eye protection / face protection.

SECTION 2 been added: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

SECTION 2 been added: H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

SECTION 2 been added: H412 Harmful to aquatic life with long lasting effects.

SECTION 2 been added: Aquatic Chronic 3

SECTION 2 been added: H336 May cause drowsiness or dizziness.

SECTION 2 been added: STOT SE 3

SECTION 2 been added: H335 May cause respiratory irritation.

SECTION 2 been added: STOT SE 3

SECTION 2 been added: P260 Do not breathe vapours / spray.

SECTION 4 been added: If eye irritation persists: Get medical advice/attention.

SECTION 4 deleted: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

SECTION 4 been added: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 7 been added: Keep away from open flames, hot surfaces and sources of ignition.

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SECTION 8 been added: Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9 deleted: not determined

SECTION 9 been added: No information available.

SECTION 11 been added: Calculation method

SECTION 11 been added: Sensitizing.

SECTION 11 been added: Toxicological data of complete product are not available.

SECTION 11 deleted: not determined

SECTION 11 been added: Calculation method

SECTION 11 been added: Irritant

SECTION 11 been added: Toxicological data of complete product are not available.

SECTION 11 been added: Calculation method

SECTION 11 been added: Does not contain a relevant substance that meets the classification criteria.

SECTION 11 been added: Irritant

SECTION 11 been added: Toxicological data of complete product are not available.

SECTION 11 deleted: not determined

SECTION 11 deleted: not determined

SECTION 11 deleted: not determined

SECTION 11 been added: Calculation method

SECTION 11 been added: Based on the available information, the classification criteria are not fulfilled.

SECTION 11 been added: Calculation method

SECTION 11 been added: Suspected of causing cancer.

SECTION 11 been added: May cause damage to organs through prolonged or repeated exposure.

SECTION 11 deleted: This product is a substance of Carc. Cat. 3 (EU).

SECTION 11 been added: Toxicological data of complete product are not available.

SECTION 11 been added: Toxicological data of complete product are not available.

SECTION 11 deleted: not determined

SECTION 11 been added: Toxicological data of complete product are not available.

SECTION 11 deleted: not determined

SECTION 11 been added: Calculation method

SECTION 11 been added: May cause respiratory irritation.

SECTION 11 been added: Vapours may cause drowsiness and dizziness.

SECTION 11 been added: Toxicological data of complete product are not available.

SECTION 12 been added: Ecological data of complete product are not available.

SECTION 12 deleted: not determined

SECTION 12 been added: No information available.

SECTION 16 been added: Observe employment restrictions for young people.

SECTION 16 been added: Observe employment restrictions for mothers-to-be and nursing mothers.

SECTION 16 deleted: Calculation method

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