



SAFETY DATA SHEET

according to Regulation (EU) No. 453/2010

Vulcol

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code None.

Synonyms None.

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

Use of the Substance/Preparation Adhesives

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification Habasit AG
Römerstrasse 1
4153 Reinach/BL
061 715 15 15
info@habasit.ch

1.4. Emergency telephone number +41 (0)44 251 51 51 (Tox Center)

Issuing date 25.03.2015

Version 01.1 (Previous versions: 24.07.2014)

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (GHS/CLP)

Skin corrosion/irritation, Cat. 2, H315
Serious eye damage/eye irritation, Cat. 2, H319
Germ cell mutagenicity, Cat. 2, H341
Reproductive toxicity, Cat. 2 (d), H361
Specific target organ toxicity (repeated exposure), Cat. 2, H373
Aspiration hazard, Cat. 1, H304
Specific target organ toxicity (single exposure, narcotic effects), Cat. 3, H336
Flammable liquids, Cat. 2, H225

Classification according to EU Directives 67/548/EEC or 1999/45/EC

F; R11
Repr. Cat. 3; R63
Xn; R65
R66
R67
Muta. Cat. 3; R68
Xi; R36/38
Xn; R48/20

Additional information

For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements



Signal Word

Danger

Hazard Statements

H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H341: Suspected of causing genetic defects.
H361d: Suspected of damaging the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

P260v: Do not breathe vapour.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
P210b: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P314: Get medical advice/ attention if you feel unwell.

Additional advice

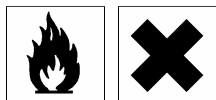
None.

GHS product identifier

butanone; ethyl methyl ketone, CAS-No. 78-93-3, EC-No. 201-159-0
toluene, CAS-No. 108-88-3, EC-No. 203-625-9

phenol; carbolic acid; monohydroxybenzene; phenylalcohol, CAS-No. 108-95-2, EC-No. 203-632-7

Labelling according to Directives 67/548/EEC or 1999/45/EC



F - Highly flammable.
Xn - Harmful.

R-phrases(s)

R11: Highly flammable.
R63: Possible risk of harm to the unborn child.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
R68: Possible risk of irreversible effects.
R36/38: Irritating to eyes and skin.
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

S-phrases(s)

S16: Keep away from sources of ignition - No smoking.
S24: Avoid contact with skin.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S38: In case of insufficient ventilation, wear suitable respiratory equipment.
S53: Avoid exposure - obtain special instructions before use.
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S36/37: Wear suitable protective clothing and gloves.

Hazardous component(s) which must be listed on the label

butanone; ethyl methyl ketone, CAS-No. 78-93-3, EC-No. 201-159-0
toluene, CAS-No. 108-88-3, EC-No. 203-625-9
phenol; carbolic acid; monohydroxybenzene; phenylalcohol, CAS-No. 108-95-2, EC-No. 203-632-7

2.3. Other hazards

None.

3. Composition/information on ingredients

Chemical characterization

Adhesive on solvent basis.

Components		CLP Classification	DSD/DPD Classification	Product identifier
ethyl acetate	10% - 25%	Eye Irrit. 2 H319, STOT SE 3 H336, Flam. Liq. 2 H225, EUH066	F,Xi; R-11-36-66-67	CAS-No.: 141-78-6 EC-No.: 205-500-4 Index-No: 607-022-00-5
butanone; ethyl methyl ketone	25% - 50%	Eye Irrit. 2 H319, STOT SE 3 H336, Flam. Liq. 2 H225, EUH066	F,Xi; R-11-36-66-67	CAS-No.: 78-93-3 EC-No.: 201-159-0 Index-No: 606-002-00-3
toluene	10% - 25%	Repr. 2 H361 (d), Asp. Tox. 1 H304, STOT RE 2 H373, Skin Irrit. 2 H315, STOT SE 3 H336, Flam. Liq. 2 H225	F,Xn; R-11-38-48/20-63-65-67	CAS-No.: 108-88-3 EC-No.: 203-625-9 Index-No: 601-021-00-3
Phenol Formaldehyd Harz	5% - 10%			CAS-No.: 9003-35-4
Formaldehyde	< 0.1%	Carc. 1B H350, Muta. 2 H341, Acute Tox. 3 H331, Acute Tox. 3 H311, Acute Tox. 3 H301, Skin Corr. 1B H314, Skin Sens. 1 H317 [CSk1B: C ≥ 25 % CSk2: 5 % ≤ C < 25 % CEy2: 5 % ≤ C < 25 % SSEIn3: C ≥ 5 % SensSk1: C ≥ 0,2 %] , Notes B D	T; R-23/24/25-34-43-45-68, Notes B D [C ≥ 25 % \ T; R-23/24/25-34-43-45-68 5 % ≤ C < 25 % \ Xn; R-20/21/22-36/37/38-43-45-68 1 % ≤ C < 5 % \ Xn; R-43-45-68 0,2 % ≤ C < 1 % \ Xi; R-43-45 0,1 % ≤ C < 0,2 % \ Xi; R-45]	CAS-No.: 50-00-0 EC-No.: 200-001-8 Index-No: 605-001-00-5
phenol; carboic acid; monohydroxybenzene; phenylalcohol	1% - 2.5%	Muta. 2 H341, Acute Tox. 3 H331, Acute Tox. 3 H311, Acute Tox. 3 H301, STOT RE 2 H373, Skin Corr. 1B H314 [CSk1B: C ≥ 3 % CSk2: 1 % ≤ C < 3 % CEy2: 1 % ≤ C < 3 %]	T,C; R-23/24/25-34-48/20/21/22-68 [C ≥ 10 % \ T; R-23/24/25-48/20/21/22-34-68 3 % ≤ C < 10 % \ C,Xn; R-20/21/22-34-68 1 % ≤ C < 3 % \ Xn; R-36/38-68]	CAS-No.: 108-95-2 EC-No.: 203-632-7 Index-No: 604-001-00-2

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities None known.

4. First aid measures

4.1. Description of first aid measures

Inhalation	Move to fresh air. Consult a physician after significant exposure.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion	Do not induce vomiting. Call a physician immediately.

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

4.3. Indication of any immediate medical attention and special treatment needed None known.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons High volume water jet.

5.2. Special hazards arising from the substance or mixture During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds.

5.3. Advice for firefighters

Special protective equipment for firefighters In the event of fire, wear self-contained breathing apparatus.

Specific methods Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Remove all sources of ignition.

Advice for emergency responders Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition. Vapours are heavier than air and may spread along floors.

6.2. Environmental precautions Prevent product from entering surface water or sewage.

6.3. Methods and material for containment and cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

6.4. Reference to other sections See chapter 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling

Keep away from sources of ignition - No smoking. Wear personal protective equipment. Vapours are heavier than air and may spread along floors. Provide appropriate exhaust ventilation at machinery. Do not breathe vapours/dust. Wash hands and exposed skin before eating, drinking or smoking and after work. Remove contaminated clothing and shoes.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store together with food.

7.3. Specific end use(s)

Use only in accordance with our recommendations.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)

Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached.
However it is the duty of the user to verify this and follow given exposure limits at the workplace.
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ethyl acetate (CAS 141-78-6)

United Kingdom - Workplace 400 ppm STEL

Exposure Limits (WELs) - STELs

United Kingdom - Workplace 200 ppm TWA

Exposure Limits (WELs) - TWAs

Methyl ethyl ketone (CAS 78-93-3)

EU - Occupational Exposure 200 ppm TWA

(2000/39/EC) - First List of 600 mg/m³ TWA

Indicative Occupational Exposure Limit Values - TWAs

EU - Occupational Exposure 300 ppm STEL

(2000/39/EC) - First List of 900 mg/m³ STEL

Indicative Occupational Exposure Limit Values - STELs

United Kingdom - Workplace 300 ppm STEL

Exposure Limits (WELs) - STELs 899 mg/m³ STEL

United Kingdom - Workplace 200 ppm TWA

Exposure Limits (WELs) - TWAs 600 mg/m³ TWA

Toluene (CAS 108-88-3)

EU - Occupational Exposure 50 ppm TWA

(2006/15/EC) - Second List of 192 mg/m³ TWA

Indicative Occupational Exposure Limit Values - TWAs

EU - Occupational Exposure 100 ppm STEL

(2006/15/EC) - Second List of 384 mg/m³ STEL

Indicative Occupational Exposure Limit Values - STELs

United Kingdom - Workplace Exposure Limits (WELs) - STELs	100 ppm STEL 384 mg/m ³ STEL
United Kingdom - Workplace Exposure Limits (WELs) - TWAs	50 ppm TWA 191 mg/m ³ TWA
Formaldehyde (CAS 50-00-0)	
United Kingdom - Workplace Exposure Limits (WELs) - STELs	2 ppm STEL 2.5 mg/m ³ STEL
United Kingdom - Workplace Exposure Limits (WELs) - TWAs	2 ppm TWA 2.5 mg/m ³ TWA
Phenol (CAS 108-95-2)	
EU - Occupational Exposure (2009/161/EU) - Third List of Indicative Occupational Exposure Limit Values - STELs	4 ppm STEL 16 mg/m ³ STEL
EU - Occupational Exposure (2009/161/EU) - Third List of Indicative Occupational Exposure Limit Values - TWAs	2 ppm TWA 8 mg/m ³ TWA
United Kingdom - Workplace Exposure Limits (WELs) - STELs	4 ppm STEL 16 mg/m ³ STEL
United Kingdom - Workplace Exposure Limits (WELs) - TWAs	2 ppm TWA 7.8 mg/m ³ TWA

8.2. Exposure controls

Occupational exposure controls

Handle in accordance with good industrial hygiene and safety practice.

Personal protection equipment

Respiratory protection

In case of good ventilation no personal respiratory protective equipment required. In case of insufficient ventilation wear suitable respiratory equipment. Suitable respiratory equipment: ABEK-filter ABEK-P3-filter Respirator with filter for organic vapour

Hand protection

Protective gloves complying with EN 374. Gloves made of Butyl. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). The exact break through time can be obtained from the protective glove producer and this has to be observed. Do not wear leather gloves. Do not wear cotton gloves.

Eye protection

Safety glasses with side-shields conforming to EN166.

Skin and body protection

Long sleeved clothing.

Thermal hazards

No special measures required.

Environmental exposure controls

Dispose of waste or used sacks/containers according to local regulations.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Viscous.
Colour	Dark amber.
Odour	Solvent.
Odour Threshold	No information available.
pH:	No information available.
Melting point/range:	No information available.
Boiling point/range:	76 °C
Flash point:	-1 °C
Evaporation Rate:	No information available.
Flammability:	No information available.
Explosion limits:	11,5%v/v - 1.2%v/v
Vapour pressure:	105 mbar (20 °C)
Vapor density:	No information available.
Relative density:	0.9 g/cm ³ (20 °C)
Water solubility:	No information available.
Partition coefficient (n-octanol/water):	No information available.
Autoignition temperature:	No information available.
Decomposition temperature:	No information available.
Viscosity:	10 Pas (20 °C)
Combustion/explosion hazards:	liquid, flammable
Oxidizing properties:	None

9.2. Other information

General Product Characteristics	no data available
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10. Stability and reactivity

10.1. Reactivity	No hazards to be specially mentioned.
10.2. Chemical stability	Stable up to approximately 75 °C.
10.3. Possibility of hazardous reactions	No hazards to be specially mentioned.
10.4. Conditions to avoid	Heat, flames and sparks.
10.5. Incompatible materials	None.
10.6. Hazardous decomposition products	None reasonably foreseeable.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity	<p>Information given is based on data on the components and the toxicology of similar products.</p> <p>Ethyl acetate (CAS 141-78-6) Inhalation LC50 Mouse = 1500 ppm 4 h(NZ_CCID) Dermal LD50 Rabbit > 18000 mg/kg (JAPAN_GHS) Oral LD50 Rat = 5620 mg/kg (IUCLID)</p> <p>Methyl ethyl ketone (CAS 78-93-3) Dermal LD50 Rabbit = 5000 mg/kg (JAPAN_GHS) Inhalation LC50 Rat = 11700 ppm 4 h(JAPAN_GHS) Oral LD50 Rat = 2483 mg/kg (JAPAN_GHS)</p> <p>Toluene (CAS 108-88-3) Dermal LD50 Rabbit = 12000 mg/kg (JAPAN_GHS) Inhalation LC50 Rat = 12.5 mg/L 4 h(JAPAN_GHS) Oral LD50 Rat = 2600 mg/kg (JAPAN_GHS)</p> <p>Formaldehyde (CAS 50-00-0) Dermal LD50 Rabbit = 270 mg/kg (NLM_CIP) Inhalation LC50 Rat = 0.578 mg/L 4 h(NLM_CIP) Oral LD50 Rat = 600 mg/kg (JAPAN_GHS)</p> <p>Phenol (CAS 108-95-2) Dermal LD50 Rabbit = 630 mg/kg (NLM_CIP) Oral LD50 Rat = 340 mg/kg (JAPAN_GHS)</p>
Skin corrosion/irritation	Moderate skin irritation.
Serious eye damage/eye irritation	Irritating to eyes.
Respiratory / Skin Sensitisation	None.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Germ cell mutagenicity	Suspected of causing genetic defects.
Reproductive toxicity	Suspected of damaging the unborn child.
Specific target organ toxicity (single exposure)	Narcotic effects
Specific target organ toxicity (repeated exposure)	May cause damage to organs (Central nervous system) through prolonged or repeated exposure.
Aspiration hazard	Aspiration hazard if swallowed - can enter lungs and cause damage.
Human experience	No data available.
Information on likely routes of exposure	Skin contact. Inhalation.
Symptoms related to the physical, chemical and toxicological characteristics	Vertigo Drowsiness Causes headache, drowsiness or other effects to the central nervous system. Risk of explosion if heated under confinement.

Delayed and immediate effects
and also chronic effects from
short and long term exposure

Tiredness

12. Ecological information

12.1. Toxicity

No data is available on the product itself.

Ethyl acetate (CAS 141-78-6)

Ecotoxicity - Freshwater Fish -
Acute Toxicity Data

96 h LC50 Pimephales promelas: 220 - 250 mg/L [flow-through]
96 h LC50 Oncorhynchus mykiss: 484 mg/L [flow-through]
96 h LC50 Oncorhynchus mykiss: 352 - 500 mg/L [semi-static]
48 h EC50 Daphnia magna: 560 mg/L [Static]

Ecotoxicity - Water Flea - Acute
Toxicity Data

Methyl ethyl ketone (CAS 78-93-3)

Ecotoxicity - Freshwater Fish -
Acute Toxicity Data

96 h LC50 Pimephales promelas: 3130 - 3320 mg/L [flow-through]

Ecotoxicity - Water Flea - Acute
Toxicity Data

48 h EC50 Daphnia magna: >520 mg/L
48 h EC50 Daphnia magna: 5091 mg/L
48 h EC50 Daphnia magna: 4025 - 6440 mg/L [Static]

Toluene (CAS 108-88-3)

Ecotoxicity - Freshwater Fish -
Acute Toxicity Data

96 h LC50 Pimephales promelas: 15.22 - 19.05 mg/L [flow-through]
(1 day old)

Ecotoxicity - Water Flea - Acute
Toxicity Data

96 h LC50 Pimephales promelas: 12.6 mg/L [static]
96 h LC50 Oncorhynchus mykiss: 5.89 - 7.81 mg/L [flow-through]
96 h LC50 Oncorhynchus mykiss: 14.1 - 17.16 mg/L [static]
96 h LC50 Oncorhynchus mykiss: 5.8 mg/L [semi-static]
96 h LC50 Lepomis macrochirus: 11.0 - 15.0 mg/L [static]
96 h LC50 Oryzias latipes: 54 mg/L [static]
96 h LC50 Poecilia reticulata: 28.2 mg/L [semi-static]
96 h LC50 Poecilia reticulata: 50.87 - 70.34 mg/L [static]
48 h EC50 Daphnia magna: 5.46 - 9.83 mg/L [Static]
48 h EC50 Daphnia magna: 11.5 mg/L

Ecotoxicity - Freshwater Algae -
Acute Toxicity Data

96 h EC50 Pseudokirchneriella subcapitata: >433 mg/L
72 h EC50 Pseudokirchneriella subcapitata: 12.5 mg/L [static]

Formaldehyde (CAS 50-00-0)

EU - Ecolabel (66/2010) -
Detergent Ingredient Database -
Aerobic Degradation

Readily biodegradable according to OECD guidelines.

Ecotoxicity - Freshwater Fish -
Acute Toxicity Data

96 h LC50 Pimephales promelas: 22.6 - 25.7 mg/L [flow-through]
96 h LC50 Lepomis macrochirus: 1510 µg/L [static]
96 h LC50 Brachydanio rerio: 41 mg/L [static]
96 h LC50 Oncorhynchus mykiss: 0.032 - 0.226 mL/L [flow-through]
96 h LC50 Oncorhynchus mykiss: 100 - 136 mg/L [static]
96 h LC50 Pimephales promelas: 23.2 - 29.7 mg/L [static]
48 h LC50 Daphnia magna: 2 mg/L
48 h EC50 Daphnia magna: 11.3 - 18 mg/L [Static]

Ecotoxicity - Water Flea - Acute
Toxicity Data

Phenol (CAS 108-95-2)

Ecotoxicity - Freshwater Fish -
Acute Toxicity Data

96 h LC50 Pimephales promelas: 11.9 - 50.5 mg/L [flow-through]
96 h LC50 Pimephales promelas: 20.5 - 25.6 mg/L [static]
96 h LC50 Pimephales promelas: 32 mg/L
96 h LC50 Oncorhynchus mykiss: 5.449 - 6.789 mg/L [flow-through]
96 h LC50 Oncorhynchus mykiss: 7.5 - 14 mg/L [static]
96 h LC50 Oncorhynchus mykiss: 4.23 - 7.49 mg/L [semi-static]
96 h LC50 Oncorhynchus mykiss: 5.0 - 12.0 mg/L
96 h LC50 Lepomis macrochirus: 13.5 mg/L [static]
96 h LC50 Lepomis macrochirus: 11.9 - 25.3 mg/L [flow-through]

<p>Ecotoxicity - Water Flea - Acute Toxicity Data</p> <p>Ecotoxicity - Freshwater Algae - Acute Toxicity Data</p> <p>Ecotoxicity - Earthworm - Acute Toxicity Data</p>	<p>96 h LC50 Lepomis macrochirus: 11.5 mg/L [semi-static]</p> <p>96 h LC50 Poecilia reticulata: 34.09 - 47.64 mg/L [static]</p> <p>96 h LC50 Poecilia reticulata: 31 mg/L [semi-static]</p> <p>96 h LC50 Brachydanio rerio: 27.8 mg/L</p> <p>96 h LC50 Cyprinus carpio: 0.00175 mg/L [semi-static]</p> <p>96 h LC50 Oryzias latipes: 33.9 - 43.3 mg/L [flow-through]</p> <p>96 h LC50 Oryzias latipes: 23.4 - 36.6 mg/L [static]</p> <p>48 h EC50 Daphnia magna: 4.24 - 10.7 mg/L [Static]</p> <p>48 h EC50 Daphnia magna: 10.2 - 15.5 mg/L</p> <p>96 h EC50 Pseudokirchneriella subcapitata: 46.42 mg/L</p> <p>96 h EC50 Pseudokirchneriella subcapitata: 0.0188 - 0.1044 mg/L [static]</p> <p>72 h EC50 Desmodesmus subspicatus: 187 - 279 mg/L [static]</p> <p>56 Days LC100 Eisenia foetida: 6900 mg/kg [soil dry weight]</p>
12.2. Persistence and degradability	Partly biodegradable.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).
12.6. Other adverse effects	no data available

13. Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products	Dispose of as hazardous waste in compliance with local and national regulations. Can be incinerated, when in compliance with local regulations. 080400 - wastes from MFSU of adhesives and sealants (including waterproofing products)
Contaminated packaging	Dispose of as unused product.

14. Transport information

ADR/RID	<p>Proper shipping name ADHESIVES containing flammable liquid UN No 1133.</p> <p>Class 3.</p> <p>Packing group II.</p> <p>ADR/RID-Labels 3.</p> <p>Classification code F1.</p> <p>Risk No. 33.</p> <p>Limited quantity 5 L.</p> <p>Tunnel code D/E</p>
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IMDG	Proper shipping name Adhesives containing flammable liquid UN No 1133. Class 3. Packing group II. IMDG-Labels 3. Limited quantity 5 L. EmS F-E, S-D. Marine Pollutant no
IATA	Proper shipping name Adhesives containing flammable liquid UN No 1133. Class 3. IATA label 3. Packing group II. Packing instruction (passenger aircraft): 353 (5 L). Packing instruction (LQ): Y341 (1 L). Packing instruction (cargo aircraft): 364 (60 L).
Further Information	None.

15. Regulatory information

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

Regulatory Information	None.
Ethyl acetate (CAS 141-78-6)	
EU - REACH (1907/2006) - List of Registered Substances	Present
Methyl ethyl ketone (CAS 78-93-3)	
EU - REACH (1907/2006) - List of Registered Substances	Present
Toluene (CAS 108-88-3)	
EU - European Pollutant Release and Transfer Register (E-PRTR) (166/2006) - Threshold Quantities	200 kg/yr TQ (water, as BTEX) 200 kg/yr TQ (land, as BTEX)
EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	Use restricted. See item 48.
EU - REACH (1907/2006) - List of Registered Substances	Present
Formaldehyde (CAS 50-00-0)	
EU - REACH (1907/2006) - List of Registered Substances	Present
Phenol (CAS 108-95-2)	
EU - European Pollutant Release and Transfer Register (E-PRTR) (166/2006) - Threshold Quantities	20 kg/yr TQ (water, as total C) 20 kg/yr TQ (land, as total C)
EU - REACH (1907/2006) - List of Registered Substances	Present
15.2. Chemical safety assessment	Not required.

16. Other information

Revision Note	This data sheet contains changes from the previous version in section(s): 1, 2, 3, 8, 15
Key or legend to abbreviations and acronyms	CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS/CLP) DSD/DPD: Classification according to EU Directives 67/548/EEC or 1999/45/EC MAK: Maximale Arbeitsplatzkonzentration.
Key literature references and sources for data	Information taken from reference works and the literature.
Classification procedure	Classification according to EU Directives 67/548/EEC or 1999/45/EC. Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP).
Full text of phrases referred to under sections 2 and 3	<p>EUH066: Repeated exposure may cause skin dryness or cracking. H225: Highly flammable liquid and vapour. H301: Toxic if swallowed. H304: May be fatal if swallowed and enters airways. H311: Toxic in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H331: Toxic if inhaled. H336: May cause drowsiness or dizziness. H341: Suspected of causing genetic defects. H350: May cause cancer. H361d: Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.</p> <p>R11: Highly flammable. R23/24/25: Toxic by inhalation, in contact with skin and if swallowed. R34: Causes burns. R36/38: Irritating to eyes and skin. R36: Irritating to eyes. R38: Irritating to skin. R48/20/21/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation. R63: Possible risk of harm to the unborn child. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness. R68: Possible risk of irreversible effects.</p>
Training advice	The rules which cover amongst other things the requirement for ventilation, protective clothing, personal protective equipment etc. can be obtained from the National Occupational Health and Safety Board.

Further information

None.

Instructions for use

For industrial application only. Use only in accordance with our recommendations.

Disclaimer

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