



SAFETY DATA SHEET CREOLIN 2000 (2014)

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name CREOLIN 2000 (2014)
Product number 500-300-0006

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

Identified uses Disinfectant concentrate.

1.3. Details of the supplier of the safety data sheet

Supplier COVENTRY CHEMICALS LTD
WOODHAMS RD
SISKIN DRIVE
COVENTRY
CV3 4FX
Tel: +44 (0) 02476639739
Fax: +44 (0) 02476639717
Email: sales@coventrychemicals.com

Contact person For content of safety data sheet: sds@coventrychemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

National emergency telephone number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Muta. 2 - H341
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram



Signal word

Danger

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Hazard statements	H302+H332 Harmful if swallowed or if inhaled. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H341 Suspected of causing genetic defects. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P280 Wear protective clothing, gloves, eye and face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/ container in accordance with national regulations.
Contains	XYLENE, CRESOL -meta, CRESOL -para, ROSIN, XYLENOL, PHENOL, CRESOL -ortho
Supplementary precautionary statements	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe vapour/ spray. P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of water. P308+P313 IF exposed or concerned: Get medical advice/ attention. P312 Call a POISON CENTRE/doctor if you feel unwell. P321 Specific treatment (see medical advice on this label). P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P363 Wash contaminated clothing before reuse. P308+P313 IF exposed or concerned: Get medical advice/ attention. P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

XYLENE		10-30%
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-XXXX
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 Xn;R20/21 Xi;R38	
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Asp. Tox. 1 - H304		

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CRESOL -meta 5-10%		
CAS number: 108-39-4	EC number: 203-577-9	REACH registration number: 01-2119448335-38-XXXX
Classification Acute Tox. 3 - H301 Acute Tox. 3 - H311 Skin Corr. 1B - H314 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) T;R24/25 C;R34	
PROPAN-2-OL 5-10%		
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-XXXX
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		
CRESOL -para 5-10%		
CAS number: 106-44-5	EC number: 203-398-6	REACH registration number: 01-2119448336-36-XXXX
Classification Acute Tox. 3 - H301 Acute Tox. 3 - H311 Skin Corr. 1B - H314 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) T;R24/25 C;R34	
ROSIN 1-5%		
CAS number: 8050-09-7	EC number: 232-475-7	REACH registration number: 01-2119480418-32-XXXX
Classification Skin Sens. 1 - H317	Classification (67/548/EEC or 1999/45/EC) R43	
XYLENOL 1-5%		
CAS number: 1300-71-6	EC number: 215-089-3	
Classification Acute Tox. 3 - H301 Acute Tox. 3 - H311 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) T;R24/25 C;R34 N;R51/53	

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PHENOL		1-5%
CAS number: 108-95-2		EC number: 203-632-7
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 3 - H301	Muta. Cat. 3;R68 T;R23/24/25 C;R34 Xn;R48/20/21/22	
Acute Tox. 3 - H311		
Acute Tox. 3 - H331		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Muta. 2 - H341		
STOT RE 2 - H373		
CRESOL -ortho		1-5%
CAS number: 95-48-7		EC number: 202-423-8
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 3 - H301	T;R24/25 C;R34	
Acute Tox. 3 - H311		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

General information	Chemical burns must be treated by a physician.
Inhalation	Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention. Decontaminate with swabs soaked with a 3 : 1 mixture of polyethylene glycol and ethanol.
Eye contact	Get medical attention immediately. Continue to rinse.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Chemical burns must be treated by a physician. Get medical attention immediately.
Inhalation	Considered to be a low inhalation hazard at normal workplace temperatures.
Ingestion	Will immediately cause corrosion of, and damage to, the gastrointestinal tract. Nausea, vomiting.
Skin contact	Chemical burns.
Eye contact	Irritation, burning, lachrymation, blurred vision after liquid splash. Corneal damage. May cause severe inflammation, corneal ulcers and permanent impairment of vision.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Use foam, carbon dioxide, dry powder or water fog to extinguish.

5.2. Special hazards arising from the substance or mixture

Specific hazards Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

Hazardous combustion products Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid or minimise the creation of any environmental contamination.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Do not touch or walk into spilled material. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections See section 7 for information on safe handling. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

Storage class Corrosive storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

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8.1. Control parameters

Occupational exposure limits

XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³

Sk

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

ROSIN

Long-term exposure limit (8-hour TWA): WEL 0.05 mg/m³ fume

Short-term exposure limit (15-minute): WEL 0.15 mg/m³ fume

Sen

PHENOL

Long-term exposure limit (8-hour TWA): WEL 2 ppm 7.8 mg/m³

Short-term exposure limit (15-minute): WEL 4 ppm 16 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

Sen = Capable of causing occupational asthma.

XYLENE (CAS: 1330-20-7)

Biological limit values	650 mmol methyl hippuric acid/mol creatinine in urine (post shift)
DNEL	<p>Workers - Inhalation; Long term systemic effects: 221 mg/m³</p> <p>Workers - Inhalation; Short term systemic effects: 442 mg/m³</p> <p>Workers - Inhalation; Long term local effects: 221 mg/m³</p> <p>Workers - Inhalation; Short term local effects: 442 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 212 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 65.3 mg/m³</p> <p>General population - Inhalation; Short term systemic effects: 260 mg/m³</p> <p>General population - Inhalation; Long term local effects: 65.3 mg/m³</p> <p>General population - Inhalation; Short term local effects: 260 mg/m³</p> <p>General population - Dermal; Long term systemic effects: 125 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 12.5 mg/kg/day</p>
PNEC	<p>- Fresh water; 0.327 mg/l</p> <p>- marine water; 0.327 mg/l</p> <p>- STP; 6.58 mg/l</p> <p>- Sediment (Freshwater); 12.46 mg/kg</p> <p>- Sediment (Marinewater); 12.46 mg/kg</p>

CRESOL -meta (CAS: 108-39-4)

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DNEL	<p>Workers - Inhalation; Long term systemic effects: 3.5 mg/m³</p> <p>Workers - Inhalation; Short term systemic effects: 343 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 0.5 mg/kg/day</p> <p>Workers - Dermal; Short term systemic effects: 1.47 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 0.75 mg/m³</p> <p>General population - Inhalation; Short term systemic effects: 222 mg/m³</p> <p>General population - Dermal; Long term systemic effects: 0.25 mg/kg/day</p> <p>General population - Dermal; Short term systemic effects: 0.74 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 0.25 mg/kg/day</p> <p>General population - Oral; Short term systemic effects: 0.74 mg/kg/day</p>
PNEC	<ul style="list-style-type: none"> - Fresh water; 0.1 mg/l - marine water; 0.01 mg/l - Intermittent release; 0.076 mg/l - STP; 1.14 mg/l - Sediment (Freshwater); 0.71 mg/kg - Sediment (Marinewater); 0.071 mg/kg - Soil; 0.0831 mg/kg

CREOLIN -para (CAS: 106-44-5)

DNEL	<p>Workers - Inhalation; Long term systemic effects: 3.5 mg/m³</p> <p>Workers - Inhalation; Short term systemic effects: 7 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 0.5 mg/kg/day</p> <p>Workers - Dermal; Short term systemic effects: 1 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 0.75 mg/m³</p> <p>General population - Inhalation; Short term systemic effects: 1.5 mg/m³</p> <p>General population - Dermal; Long term systemic effects: 0.25 mg/kg/day</p> <p>General population - Dermal; Short term systemic effects: 0.5 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 0.25 mg/kg/day</p> <p>General population - Oral; Short term systemic effects: 0.5 mg/kg/day</p>
PNEC	<ul style="list-style-type: none"> - Fresh water; 0.1 mg/l - marine water; 0.01 mg/l - Intermittent release; 0.044 mg/l - STP; 1.65 mg/l - Sediment (Freshwater); 0.85 mg/kg - Sediment (Marinewater); 0.085 mg/kg - Soil; 0.111 mg/kg

PROPAN-2-OL (CAS: 67-63-0)

DNEL	<p>Workers - Inhalation; Long term systemic effects: 500 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 888 mg/kg</p> <p>General population - Inhalation; Long term systemic effects: 89 mg/m³</p> <p>General population - Dermal; Long term systemic effects: 319 mg/kg</p> <p>General population - Oral; Long term systemic effects: 26 mg/kg</p>
PNEC	<ul style="list-style-type: none"> - Fresh water; 140.9 mg/l - marine water; 140.9 mg/l - Intermittent release; 140.9 mg/l - STP; 2251 mg/l - Sediment (Freshwater); 552 mg/kg - Sediment (Marinewater); 552 mg/kg - Soil; 28 mg/kg

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ROSIN (CAS: 8050-09-7)

DNEL	Workers - Dermal; Long term : 25 mg/kg/day
	Workers - Inhalation; Long term : 176.32 mg/m ³
	General population - Dermal; Long term : 15 mg/kg/day
	General population - Inhalation; Long term : 52.174 mg/m ³
	General population - Oral; Long term : 15 mg/kg/day
PNEC	- Fresh water; 0.005 mg/l
	- marine water; 0.0005 mg/l
	- STP; 1000 mg/l
	- Sediment (Freshwater); 108 mg/kg
	- Sediment (Marinewater); 10.8 mg/kg
	- Soil; 21.4 mg/kg

XYLENOL (CAS: 1300-71-6)

DNEL	Workers - Inhalation; Long term systemic effects: 7.05 mg/m ³
	Workers - Inhalation; Short term systemic effects: 12.34 mg/m ³
	Workers - Dermal; Long term systemic effects: 1 mg/kg/day
	Workers - Dermal; Short term systemic effects: 1.75 mg/kg/day
PNEC	- Fresh water; 0.1 mg/l
	- marine water; 0.03 mg/l
	- Intermittent release; 0.044 mg/l
	- STP; 1.14 mg/l
	- Sediment (Freshwater); 0.532 mg/kg
	- Sediment (Marinewater); 0.16 mg/kg
- Soil; 0.38 mg/kg	

PHENOL (CAS: 108-95-2)

DNEL	Workers - Inhalation; Long term systemic effects: 8 mg/m ³
	Workers - Inhalation; Short term local effects: 16 mg/m ³
	Workers - Dermal; Long term systemic effects: 1.23 mg/kg/day
	General population - Inhalation; Long term systemic effects: 1.32 mg/m ³
	General population - Dermal; Long term systemic effects: 0.4 mg/kg/day
PNEC	General population - Oral; Long term systemic effects: 0.4 mg/kg/day
	- Fresh water; 0.008 mg/l
	- marine water; 0.001 mg/l
	- STP; 2.1 mg/l
	- Sediment (Freshwater); 0.091 mg/kg
	- Sediment (Marinewater); 0.009 mg/kg
- Soil; 0.136 mg/kg	

CRESOL -ortho (CAS: 95-48-7)

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DNEL	Workers - Inhalation; Long term systemic effects: 3.5 mg/m ³
	Workers - Inhalation; Short term systemic effects: 153 mg/m ³
	Workers - Dermal; Long term systemic effects: 0.5 mg/kg/day
	Workers - Dermal; Short term systemic effects: 0.68 mg/kg/day
	General population - Inhalation; Long term systemic effects: 0.75 mg/m ³
	General population - Inhalation; Short term local effects: 105 mg/m ³
	General population - Dermal; Long term systemic effects: 0.25 mg/kg/day
	General population - Dermal; Short term systemic effects: 0.34 mg/kg/day
	General population - Oral; Long term systemic effects: 0.25 mg/kg/day

PNEC	- Fresh water; 0.1 mg/l
	- marine water; 0.01 mg/l
	- STP; 1.28 mg/l
	- Sediment (Freshwater); 0.58 mg/kg
	- Sediment (Marinewater); 0.058 mg/kg
	- Soil; 0.057 mg/kg

ACID BROWN DYE (CAS: 70236-60-1)

DNEL	Workers - Inhalation; Long term systemic effects: 0.94 mg/m ³
	General population - Inhalation; Long term systemic effects: 0.23 mg/m ³
	General population - Oral; Long term systemic effects: 0.07 mg/kg/day

PNEC	Fresh water; 0.001 mg/l
	marine water; 0.0001 mg/l
	STP; 2.53 mg/l
	Sediment (Freshwater); 0.00456 mg/kg
	Sediment (Marinewater); 0.000456 mg/kg
	Soil; 0.000324 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

The following protection should be worn: Full face visor or shield.

Hand protection

It is recommended that gloves are made of the following material: Butyl rubber. Neoprene, nitrile, polyethylene or PVC. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Provide eyewash station and safety shower. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

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Respiratory protection No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Black.
Odour	Phenolic.
pH	pH (concentrated solution): 10.0-10.5
Flash point	70°C Closed cup. Does not support combustion.
Relative density	0.95-1.05 @ 20°C
Solubility(ies)	Miscible with water.
Viscosity	32 cP @ 40°C
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Oxidising agents.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Estimated value.

ATE oral (mg/kg) 945.5

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Acute toxicity - inhalation

Notes (inhalation LC₅₀) Estimated value.

ATE inhalation (gases ppm) 12,957.63

ATE inhalation (vapours mg/l) 37.59

ATE inhalation (dusts/mists mg/l) 5.37

Skin corrosion/irritation

Skin corrosion/irritation Corrosive to skin. Calculation method.

Serious eye damage/irritation

Serious eye damage/irritation Corrosive to skin. Corrosivity to eyes is assumed. Calculation method.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met. Calculation method.

Skin sensitisation

Skin sensitisation May cause sensitisation by skin contact. Calculation method.

Inhalation May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

Ingestion Harmful if swallowed. May cause burns in mucous membranes, throat, oesophagus and stomach.

Skin contact Causes burns. Harmful in contact with skin. May cause sensitisation by skin contact. May be absorbed through the skin.

Eye contact Causes burns. May cause severe inflammation, corneal ulcers and permanent impairment of vision.

Toxicological information on ingredients.

XYLENE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,523.0

Species Rat

Notes (oral LD₅₀) REACH dossier information.

ATE oral (mg/kg) 3,523.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 12,126.0

Species Rabbit

Notes (dermal LD₅₀) REACH dossier information.

ATE dermal (mg/kg) 1,100.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 27.124

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Species	Rat
Notes (inhalation LC₅₀)	REACH dossier information.
ATE inhalation (gases ppm)	4,500.0
ATE inhalation (vapours mg/l)	11.0
ATE inhalation (dusts/mists mg/l)	1.5
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Causes skin irritation. Supplier's information.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Causes serious eye irritation. Supplier's information.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No specific test data are available. REACH dossier information.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising. REACH dossier information.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Negative. REACH dossier information.
Genotoxicity - in vivo	Negative. REACH dossier information.
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met. REACH dossier information.
IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met. REACH dossier information.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	May cause respiratory irritation. Supplier's information.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	May cause damage to organs through prolonged or repeated exposure. Supplier's information.
<u>Aspiration hazard</u>	
Aspiration hazard	May be fatal if swallowed and enters airways.
<u>CRESOL -meta</u>	
<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	242.0
Species	Rat

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Notes (oral LD₅₀) REACH dossier information.

ATE oral (mg/kg) 242.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,050.0

Species Rabbit

ATE dermal (mg/kg) 300.0

CRESOL -para

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 207.0

Species Rat

ATE oral (mg/kg) 207.0

SECTION 12: Ecological information

Ecotoxicity There are no data on the ecotoxicity of this product. The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Toxicity The product contains a substance which is harmful to aquatic organisms.

Ecological information on ingredients.

XYLENE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 2.6 mg/l, Freshwater fish
REACH dossier information.

Acute toxicity - aquatic invertebrates LC₅₀, 24 hours: 1 mg/l, Freshwater invertebrates
REACH dossier information.

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 56 days: 1.3 mg/l, Freshwater fish
REACH dossier information.

Chronic toxicity - aquatic invertebrates NOEC, 7 days: 0.96 mg/l, Freshwater invertebrates

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Ecological information on ingredients.

XYLENE

Phototransformation Air - Half-life : 2 days

Biodegradation REACH dossier information.
The substance is readily biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

XYLENE

Bioaccumulative potential Based on available data the classification criteria are not met.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

Ecological information on ingredients.

XYLENE

Adsorption/desorption coefficient - Koc: 537 @ 20°C

Henry's law constant 623 Pa m³/mol @ 25°C REACH dossier information.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

XYLENE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not discharge into drains or watercourses or onto the ground.

Disposal methods This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues and hence be potentially hazardous. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 2927

UN No. (IMDG) 2927

UN No. (ICAO) 2927

UN No. (ADN) 2927

14.2. UN proper shipping name

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Proper shipping name (ADR/RID) TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.(CONTAINS CRESOLS, XYLENOL)

Proper shipping name (IMDG) TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.(CONTAINS CRESOLS, XYLENOL)

Proper shipping name (ICAO) TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.(CONTAINS CRESOLS, XYLENOL)

Proper shipping name (ADN) TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.(CONTAINS CRESOLS, XYLENOL)

14.3. Transport hazard class(es)

ADR/RID class 6.1 & 8

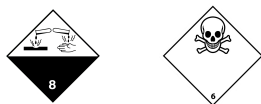
ADR/RID label 6.1 & 8

IMDG class 6.1 & 8

ICAO class/division 6.1 & 8

ADN class 6.1 & 8

Transport labels



14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

ADN packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-A, S-B

ADR transport category 2

Emergency Action Code 2X

Hazard Identification Number (ADR/RID) 86

Tunnel restriction code (E)

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

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National regulations	<p>The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).</p> <p>Control of Pollution (Special Waste) Regulations 1980 (as amended).</p> <p>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].</p> <p>EH40/2005 Workplace exposure limits.</p> <p>The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).</p> <p>The Hazardous Waste Regulations 2005.</p>
EU legislation	<p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Commission Regulation (EU) No 453/2010 of 20 May 2010.</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.</p> <p>Commission Regulation (EU) No 2015/830 of 28 May 2015.</p>
Guidance	<p>CHIP for everyone HSG228.</p> <p>ECHA Guidance on the Application of the CLP Criteria.</p> <p>ECHA Guidance on the compilation of safety data sheets.</p> <p>Technical Guidance WM2: Hazardous Waste.</p> <p>Introduction to Local Exhaust Ventilation HS(G)37.</p>

15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	<p>DNEL: Derived No Effect Level.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>PNEC: Predicted No Effect Concentration.</p> <p>MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p>
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	31/01/2018
Revision	4
Supersedes date	24/05/2017
SDS number	20446

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Hazard statements in full

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H341 Suspected of causing genetic defects.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.