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Safety data sheet

according to UK REACH

Printing date 12.02.2025

Version number 1.1

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Skin Irrit. 2	H315 Causes skin irritation.
STOT SE 3	H336 May cause drowsiness or dizziness.
2.2 Label el	'ements
Labelling a	ccording to Regulation (EC) No 1272/2008
The product	is classified and labelled according to the GB CLP regulation.
Hazard pict	ograms
^	^
	$\mathbf{\hat{A}}$
<u> </u>	
	\checkmark
GHS02 G	H\$07
Signal word	I Warning
Hazard stat	
H226 Flamn	nable liquid and vapour.
	es skin irritation.
	ause drowsiness or dizziness.
	ary statements
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition source
-	No smoking.
P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P303+P361	+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse sk
	with water [or shower].
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national
	international regulations.
2.3 Other ha	
	PBT and vPvB assessment
PBT: Not ap	
	pplicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures · Description: Mixture of substances listed below with nonhazardous additions. · Dangerous components: CAS: 123-86-4 n-butyl acetate >25-*≤*50% EINECS: 204-658-1 🚸 Flam. Liq. 3, H226; 🚸 STOT SE 3, H336 Reg.nr.: 01-2119485493-29 (Contd. on page 3)



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CAS: 1330-20-7	xylene (C	ontd. of page 2) >10- <i>≤</i> 25%
L	🗞 Flam. Lig. 3, H226; 🕧 Acute Tox. 4, H312; Acute Tox. 4,	210 -2070
	Solvent naphtha (petroleum), light arom. ⑦ Acute Tox. 4, H332; STOT SE 3, H335	>2.5- <i>≤</i> 10%
	2-methoxy-1-methylethyl acetate 🔗 Flam. Liq. 3, H226	<i>≤</i> 2.5%
I E.	ethylbenzene � Flam. Liq. 2, H225; � STOT RE 2, H373; Asp. Tox. 1, H304; 🚯 Acute Tox. 4, H332	<i>≤</i> 2.5%

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

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

• **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

• **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

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· 5.3 Advice for firefighters

· Protective equipment: No special measures required.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
- · 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- **6.3** Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
- **6.4 Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- Information about fire and explosion protection: Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 3
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

• Additional information about design of technical facilities: No further data; see section 7.

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Ingre	(Contd. of pag edients with limit values that require monitoring at the workplace:
-	36-4 n-butyl acetate
WEL	Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm
1330	-20-7 xylene
WEL	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV
108-6	65-6 2-methoxy-1-methylethyl acetate
WEL	Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk
100-4	41-4 ethylbenzene
WEL	Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Sk
Ingre	edients with biological limit values:
-	-20-7 xylene
BMG	V 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
Addi	tional information: The lists valid during the making were used as basis.
Perse Gene Keep Imme Wash Avoid Avoid Resp	ixposure controls onal protective equipment: eral protective and hygienic measures: a way from foodstuffs, beverages and feed. ediately remove all soiled and contaminated clothing in hands before breaks and at the end of work. I contact with the skin. I contact with the eyes and skin. Diratory protection: se of brief exposure or low pollution use respiratory filter device. In case of intensive or long
expo	sure use self-contained respiratory protective device.
expo	sure use self-contained respiratory protective device.



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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

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

· Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

 9.1 Information on basic physical a General Information 	nd chemical properties	
· Appearance:		
Form:	Liquid	
Colour:	Red	
· Odour:	Characteristic	
· Odour threshold:	Not determined.	
· pH-value:	Not determined.	
· Change in condition		
Melting point/freezing point:	Undetermined.	
Initial boiling point and boiling ra	nge: 124 °C	
· Flash point:	27 °C	
· Flammability	Flammable.	
· Auto-ignition temperature:	370 °C	
· Decomposition temperature:	Not determined.	
· Ignition temperature:	Product is not selfigniting.	
		(Contd. on page 7



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· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits:	
Lower:	1.1 Vol %
Upper:	7.5 Vol %
· Vapour pressure at 20 °C:	10.7 hPa
· Density at 20 °C:	0.9692 g/cm³
· Relative density	Not determined.
· Vapour density	Not determined.
Evaporation rate	Not determined.
· Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	73.5 %
VÕC (EC)	712.2 g/l
Solids content:	26.5 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5** Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

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SECTION 11:	Toxicological	information

- · 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

123-86-4 n-butyl acetate

Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
	10-0/11	

Inhalative LC50/4 h >21 mg/l (rat)

· Primary irritant effect:

· Skin corrosion/irritation

- Causes skin irritation.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Additional toxicological information:
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure
- 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.

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

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· 12.6 Other adverse effects No further relevant information available.

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SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
 Recommendation
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- · Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

OFOTION 4		
	1. Iranenort	Intormation
	4: Transport	ΠΙΟΠαιιΟΠ

14.1 LIN Number		
· 14.1 UN-Number · ADR, IMDG, IATA	UN1263	
	011200	
 14.2 UN proper shipping name ADR 	1263 PAINT	
· ADR · IMDG, IATA	PAINT	
 14.3 Transport hazard class(es) 	NOT APPLICABLE	
· ADR, IMDG, IATA		
· Class	3 Flammable liquids.	
· Label	3	
· 14.4 Packing group		
ADR	<i>III</i>	
· IMDG, IATA	Void	
· 14.5 Environmental hazards:		
· Marine pollutant:	No	
· 14.6 Special precautions for user	Warning: Flammable liquids.	
· EMS Number:	F-E,S-Ĕ	
· Stowage Category	A	
· 14.7 Transport in bulk according to Ann	ex II of	
Marpol and the IBC Code	Not applicable.	
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· Transport/Additional information:	
 ADR Limited quantities (LQ) Excepted quantities (EQ) 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
 Transport category Tunnel restriction code 	3 D/E
 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

SECTION 15: Regulatory information

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

· Regulated explosives precursors

7664-38-2 phosphoric acid

Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

· Directive 2012/18/EU

- Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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	ON 16: Other information
	rmation is based on our present knowledge. However, this shall not constitute a guarantee cific product features and shall not establish a legally valid contractual relationship.
	nt phrases
	ghly flammable liquid and vapour.
	ammable liquid and vapour.
	ay be fatal if swallowed and enters airways.
	armful in contact with skin.
	auses skin irritation.
	armful if inhaled.
	ay cause respiratory irritation.
	ay cause drowsiness or dizziness.
H373 Ma	ay cause damage to organs through prolonged or repeated exposure.
Departn	nent issuing SDS: Product safety department
Contact	•
Abbrevi	ations and acronyms:
RID: Règle	ement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concern
	tional Transport of Dangerous Goods by Rail)
	ord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning al Carriage of Dangerous Goods by Road)
	ernational Maritime Code for Dangerous Goods
	rnational Air Transport Association
	ally Harmonised System of Classification and Labelling of Chemicals
	European Inventory of Existing Commercial Chemical Substances
	European List of Notified Chemical Substances mical Abstracts Service (division of the American Chemical Society)
	tile Organic Compounds (USA, EU)
	nal concentration, 50 percent
LD50: Leth	nal dose, 50 percent
	istent, Bioaccumulative and Toxic
	/ Persistent and very Bioaccumulative 2: Flammable liquids – Category 2
	2. Flammable liquids – Category 2 3: Flammable liquids – Category 3
	. 4: Acute toxicity – Category 4
Skin Irrit. 2	Skin corrosion/irritation – Category 2
STOT SE 3	3: Specific target organ toxicity (single exposure) – Category 3
	2: Specific target organ toxicity (repeated exposure) – Category 2 1: Aspiration hazard – Category 1
	1.73011a(0)(1)(1)a(2)(1) = 0a(0)(0)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)