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Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 5 (replaces version 4)

Revision: 17.01.2023

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

- 1.1 Product identifier
- Trade name: <u>Tar and Glue Remover</u>
- · Article number: 84957
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** FOR PROFESSIONAL AND INDUSTRIAL USE ONLY
- Application of the substance / the mixture Cleaner solvent
- 1.3 Details of the supplier of the safety data sheet

• Manufacturer/Supplier: KENT (United Kingdom) Ltd Forsyth House Pitreavie Drive Pitreavie Business Park Dunfermline Fife KY11 8US

Tel: +44 01383 723344 / 0800 136925 Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm Fax: +44 1383 620079 SDS@kenteurope.com

1.4 Emergency telephone number:

Tel: +44 01383 723344 During normal office hours - Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 flame Flam. Lig. 3 H226 Flammable liquid and vapour. health hazard STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure. Asp. Tox. 1 H304 May be fatal if swallowed and enters airways. Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H335 May cause respiratory irritation. STOT SE 3 H336 May cause drowsiness or dizziness. 2.2 Label elements • Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms GHS02 GHS07 GHS08 · Signal word Danger

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Trade name: Tar and Glue Remover

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· Hazard-determining components of labelling:	
Reaction mass of ethylbenzene and xylene	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics	
· Hazard statements	
H226 Flammable liquid and vapour.	
H315 Causes skin irritation.	
H319 Causes serious eve irritation.	
H335 May cause respiratory irritation.	
H336 May cause drowsiness or dizziness.	
H373 May cause damage to organs through prolonged or repeated exposure.	
H304 May be fatal if swallowed and enters airways.	
Precautionary statements	
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P260 Do not breathe vapours.	
P280 Wear protective gloves / eye protection.	
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.	
P331 Do NOT induce vomiting.	
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P403+P235 Store in a well-ventilated place. Keep cool.	
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.	
2.3 Other hazards	
Results of PBT and vPvB assessment	
· PBT: Not applicable.	
· VPvB: Not applicable.	
SECTION 3: Composition/information on ingredients	
3.2 Mixtures	
• Description: Mixture of the substances listed below with harmless additions.	
Dangerous components:	
EC number: 905-588-0 Reaction mass of ethylbenzene and xylene	50-75%
Reg.nr.: 01-2119488216-32 🚸 Flam. Liq. 3, H226; 🚸 STOT RE 2, H373; Asp. Tox. 1, H304; 🕀 Acute Tox. 4, H312; Acu	ute Tox.
01-2119486136-34 4. H332: Skin Irrit. 2. H315: Eve Irrit. 2. H319: STOT SE 3. H335	

Dangerous components		
EC number: 905-588-0	Reaction mass of ethylbenzene and xylene	50-75%
Reg.nr.: 01-2119488216-32	📎 Flam. Liq. 3, H226; 🗞 STOT RE 2, H373; Asp. Tox. 1, H304; 🕧 Acute Tox. 4, H312; Acute Tox.	
01-2119486136-34	4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics	25-50%
Reg.nr.: 01-2119463258-33	🚸 Flam. Liq. 3, H226; 🚸 Asp. Tox. 1, H304; 🚸 STOT SE 3, H336	
Regulation (EC) No 648	2004 on detergents / Labelling for contents	
Aliphatic hydrocarbons, Aror	natic hydrocarbons	≥30%
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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

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

- In case of unconsciousness bring patient into stable side position for transport.
- · After skin contact Instantly wash with water and soap and rinse thoroughly.

• After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing Do not induce vomiting; instantly call for medical help.

[•] 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, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam.

· For safety reasons unsuitable extinguishing agents Water with a full water jet.

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Trade fiame. Tar and Glue Remover		
 5.2 Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire. 5.3 Advice for firefighters Protective equipment: Put on breathing apparatus. Do not inhale explosion gases or combustion gases. Additional information Collect contaminated fire fighting water separately. It must not enter drains. Cool endangered containers with water spray jet. 	(Contd. of page 2)	
SECTION 6: Accidental release measures		
 6.1 Personal precautions, protective equipment and emergency procedures Put on breathing apparatus. Wear protective equipment. Keep unprotected persons away. 6.2 Environmental precautions: Prevent material from reaching sewage system, holes and cellars. Inform respective authorities in case product reaches water or sewage system. 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). 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 information on disposal. 		
SECTION 7: Handling and storage		
 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep breathing equipment ready. 		
 7.2 Conditions for safe storage, including any incompatibilities Storage Requirements to be met by storerooms and containers: Store in cool location. Information about storage in one common storage facility: Not required. Further information about storage conditions: Store in cool, dry conditions in well sealed containers. 		
Protect from heat and direct sunlight.		
 Storage class 3 7.3 Specific end use(s) No further relevant information available. 		
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SECTION 8: Exposure controls/personal protection		
8.1 Control parameters		
Components with limit values that require monitoring at the workplace:		
Reaction mass of ethylbenzene and xylene		
WEL Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV		
· Regulatory information WEL: EH40/2020		
DNELS		
Reaction mass of ethylbenzene and xylene		

Reaction mass of ethylbenzene and xylene

Long term systemic effect 180 mg/kg bw/day (Worker) Dermal Inhalative Long term systemic effect 77 mg/m3 (Worker) Acute systemic effect 289 mg/m3 (Worker)

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Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 5 (replaces version 4)

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Trade name: Tar and Glue Remover

SECTION 9: Physical and chemical properties	
).1 Information on basic physical and chemical p	roperties
General Information	
Physical state	Fluid
Colour:	Colourless
Ddour:	Solvent-like
Dour threshold:	Not determined.
lelting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range	140 °C
Flammability	Flammable.
ower and upper explosion limit	
ower:	0.6 Vol %
Ipper:	7 Vol %
lash point:	30 °C
gnition temperature:	270 °C
Decomposition temperature:	Not determined.
он	Mixture is non-soluble (in water).
/iscosity:	
Kinematic viscosity	Not determined.
lynamic:	Not determined.
Solubility	
Vater:	Not miscible / difficult to mix
Partition coefficient n-octanol/water (log value)	Not determined.
/apour pressure at 20 °C:	6.7 hPa
Density and/or relative density	0.7 m u
Density at 20 °C	0.839 g/cm ³
Relative density	Not determined.
/apour density	Not determined.
2 Other information	
Appearance:	
Form:	Fluid
mportant information on protection of health and	
environment, and on safety.	
Self-inflammability:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/steam
	mixtures is possible.
Solvent content:	
Organic solvents:	840 g/l VOC
Change in condition	
Evaporation rate	Not determined.
nformation with regard to physical hazard classes	
xplosives	Void
lammable gases	Void
lerosols	Void
Dxidising gases	Void
Bases under pressure	Void
lammable liquids	Flammable liquid and vapour.
lammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases	5
n contact with water	Void
Dxidising liquids	Void
Dxidising solids	Void
Drganic peroxides	Void
Corrosive to metals	Void

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Trade name: Tar and Glue Remover

Desensitised explosives

Void

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

SECTION 11: Toxicological information

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

· Acute toxicity	Based on a	available data,	, the classification	criteria are not met.
· Acute toxicity	Based on a	available data,	, the classification	criteria are not met.

· LD/LC50 values that are relevant for classification:				
Reaction	mass of eth	ylbenzene and xylene		
Oral	LD50	>5,840 mg/kg (Rat)		
Dermal	LD50	>2,920 mg/kg (Rabbit)		
Inhalative	LC50 (4 hr)	>25 mg/l (Rat)		
Hydrocarl	bons, C9-C1	1, n-alkanes, isoalkanes, cyclic, <2% aromatics		
Oral	LD50	>5,000 mg/kg (Rat)		
Dermal	LD50	>3,000 mg/kg (Rabbit)		
[·] Skin cori	rosion/irrit	ation Causes skin irritation.		
· Serious	eye damag	je/irritation Causes serious eye irritation.		
· STOT-sir	ngle expos	SUTE May cause respiratory irritation. May cause drowsiness or dizziness.		
	STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.			
	Aspiration hazard May be fatal if swallowed and enters airways.			
⁻ 11.2 Info	11.2 Information on other hazards			
· Endocrin	ne disruptii	ng properties		

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

· Aquatic toxic	· Aquatic toxicity:			
Reaction mass	Reaction mass of ethylbenzene and xylene			
EC50 (48 hr)	3.2-9.5 mg/l (Daphnia magna)			
LC50 (96 hr)	8.9-16.4 mg/l (Pimephales promelas)			
NOEC (72 hr)	0.44 mg/l (Algae)			
NOEC	1.3 mg/l (Fish)			
NOEC (7 days)	0.96 mg/l (Daphnia magna)			
Hydrocarbons,	C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics			
EL50 (72 hr)	>1,000 mg/l (Pseudokirchneriella subcapitata)			
ELO (48 hr)	1,000 mg/l (Daphnia magna)			
LL50 (96 hr)	>1,000 mg/l (Oncorhynchus mykiss)			
NOELR	100 mg/l (Pseudokirchneriella subcapitata) (72 hrs)			
12.2 Persist	ence and degradability No further relevant information available.			
	• 12.3 Bioaccumulative potential No further relevant information available.			
[•] 12.4 Mobilit	12.4 Mobility in soil No further relevant information available.			
12.5 Results	12.5 Results of PBT and vPvB assessment			

· **PBT:** Not applicable.

vPvB: Not applicable.

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according to 1907/2006/EC, Article 31

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Trade name: Tar and Glue Remover

- [•] **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties. • **12.7 Other adverse effects**
- Additional ecological information:
- General notes:

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water. Do not allow product to reach ground water, water bodies or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into soil.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

· Recommendation Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information		
14.1 UN number or ID number ADR, IMDG, IATA	UN3295	
14.2 UN proper shipping name ADR IMDG, IATA	3295 HYDROCARBONS, LIQUID, N.O.S. HYDROCARBONS, LIQUID, N.O.S.	
14.3 Transport hazard class(es)		
ADR		
Class Label	3 (F1) Flammable liquids. 3	
IMDG, IATA		
Class	3 Flammable liquids.	
Label	3	
14.4 Packing group ADR, IMDG, IATA	III	
14.5 Environmental hazards:	Not applicable.	
14.6 Special precautions for user Kemler Number:	Warning: Flammable liquids. 30	
EMS Number:	F-E,S-D	
Stowage Category	A	
14.7 Maritime transport in bulk according t		
instruments	Not applicable.	
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	3	
· · · · · · · · · · · · · · · · · · ·	(Contd.	on page

according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 5 (replaces version 4)

Revision: 17.01.2023

Trade name: Tar and Glue Remover

	(Contd. of page 7)
• Tunnel restriction code	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 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III

SECTION 15: Regulatory information

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

· 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

National regulations

Technical instructions (air):

Class | Share in % NK

70.0

· Water hazard class: Water danger class 3 (Self-assessment): extremely hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

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

Department issuing data specification sheet: Environment protection department

Abbreviations and acronyms:

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1

Data compared to the previous version altered. *

GB