

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

1.1. Product identifier

Product name:	Spot Remover
Product code:	W246
Manufacturer code:	124602 Fleckentferner L

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

Use of substance/mixture:	Cleaner
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1.3. Details of the supplier of the Safety Data Sheet

Company name:	WIPEOUT LTD Unit 45, Cookstown Industry Estate 3 rd Avenue Tallaght Dublin24 Ireland
Tel:	+353 (0)1 451 66 66
Email:	info@wipeout.ie

1.4. Emergency telephone number


Emergency tel:	+353 (0) 86 252 8481 or (0)1 837 9964 The National Poisons Information Centre
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Section 2. Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP Regulation No. 1272/2008:	Flam. Liq. 3, H226 Eye Irrit. 2, H319 Asp. Tox. 1, H304 STOT SE 3, H335 STOT SE 3, H336 Aquatic Chronic 3, H412 Text of hazard statements see Section 16. Classification (67/548 / EEC or 1999/45 / EC) Xn Harmful R 10-36-52 / 53-65-66-67 Text of R-phrases see section 16.
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2.2. Label elements

Label elements:	Regulation (EC) No 1272/2008
Hazard statements:	H226 Flammable liquid and vapor. H319 Causes serious eye irritation. H304 May be fatal if swallowed and enters airways. H335 May cause respiratory irritation. H336 May cause drowsiness and dizziness. H412 Harmful to aquatic life with long lasting effects.
Signal words:	Danger
Hazard pictograms:	
Precautionary statements:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. P261 Avoid inhalation of mist / vapor / aerosol P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER / doctor. P331: Do NOT induce vomiting. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing. P403 + P233: Keep container tightly closed in a well-ventilated place..

Label elements:	67/548 / EEC or 1999/45 / EC
Symbol:	Xn Harmful
R-phrases:	R10 Flammable. R36 Irritating to eyes. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
S-phrases:	S16 Keep away from sources of ignition - no smoking. S23 Do not breathe vapor / spray. S24 Avoid contact with skin. S26 In case of contact with eyes, rinse immediately with water and seek medical advice. S62 If swallowed. Seek medical advice immediately and show this container or label

2.3. Other hazards

	Not known
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Section 3. Composition/information on ingredients

3.2. Mixtures

Chemical Name	EC No.	CAS No.	EC-Index-No.	CHIP Classification 1999/45/EC	CLP Classification Regulation (EC) No 1272/2008	Percent
REACH Registration Number:	01 -2119475104-44-0000					
2- (2-butoxyethoxy) ethanol	203-961 -6	12-34-5	603-096-00-8	Xi; R36,	Category 2, H319	<20 %
REACH Registration Number:	01-2119455851 -35					
Hydrocarbons, C9, aromatics (solvent naphtha (petroleum), aromatic, slightly)	918-668-5	64742-95-6		Xn; R10, R37, R51, R53, R65, R66, R67	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 STOT SE 3, H336 Aquatic Chronic 2, H411	<20 %

* Text of hazard statements see Section 16

Section 4. First aid measures

4.1. Description of first aid measures

Skin contact:	Wash with plenty of water. Remove contaminated clothing.
Eye contact:	Rinse open eyes with plenty of water. Call in ophthalmologist
Ingestion:	Caution if victim vomits. Risk of aspiration! Keep airways free
Inhalation:	Fresh air. If necessary, Consult a physician. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.

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

	Irritant effects, Shortness of breath, respiratory paralysis, Drowsiness, dizziness, diarrhoea, nausea, CNS disorders, Unconsciousness, narcosis, inebriation, headache, drowsiness, coma. Drying-out effect resulting in rough and chapped skin.
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4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment:	Subsequent observation for pneumonia and pulmonary oedema.
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Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media:	Suitable extinguishing media, carbon dioxide, foam, dry chemical. Unsuitable extinguishing media For mixture no limitations extinguishing agents.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards:	Combustible material. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air at ambient temperatures. Pay attention to flashback. In case of fire hazardous combustion gases or vapors possible.
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5.3. Advice for fire-fighters

Advice for fire-fighters:	Special protective equipment for firefighters Stay in danger area only with self-contained breathing apparatus. Other information: Prevent fire-fighting water from entering surface water or groundwater.
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Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions:	Note slipping. Do not inhale vapors / aerosols. Avoid substance contact. In closed rooms for fresh air. Remove sources of ignition, do not smoke.
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6.2. Environmental precautions

Environmental precautions:	Do not empty into drains. Explosion risk.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures:	Up with absorbent material (eg. As diatomite). The disposal perform. Clean up affected area.
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6.4. Reference to other sections

Reference to other sections:	Disposal see section 13
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Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements:	Ensure good ventilation / exhaustion at the workplace. Avoid contact with skin and eyes. Do not inhale vapors / aerosols. Avoid generation of vapors / aerosols. Information about fire and explosion protection Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Vapours heavier than air. Vapors with air may cause an explosion.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:	Store in a cool, over + 5 ° C. Protect from direct sunlight and heat. Tightly closed in a well-ventilated place. Removed from heat and ignition sources
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7.3. Specific end use(s)

Specific end use(s):	Apart from the uses mentioned in section 1 are no other end-uses provided.
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Section 8: Exposure controls / personal protection

8.1. Control parameters

Hydrocarbons, C9 aromatics

	Name	Parameter	Value	Specimen / Sampling
TRGS 900 AGW	hydrocarbon mixtures, (used as a solvent, C9 to C15 aromatics)		100 mg / m ³	
2- (2-butoxyethoxy) ethanol EC	2- (2-butoxyethoxy) ethanol		10 ml / m ³ 67.5 mg / m ³ Short term (<15 min.) 15 ml / m ³ 101.2 mg / m ³	
	Name	Value	Peak limitation category:	Embryotoxic:
TRGS 900 AGW	2- (2-butoxyethoxy) ethanol	10 ml / m ³ 67 mg / m ³	Exceeding factor: 1.5 (I)	Y: substances for which a risk of teratogenic effects in compliance with the Occupational exposure limit (OEL) and the biological limit value (BGW) need not be feared.

8.2. Exposure controls

Individual protection measures:	Body protection must be chosen depending on risk concentration and amounts of specific workplaces. The resistance of the protective equipment should be inquired at the respective supplier.
Respiratory protection:	Required when vapors / aerosols. Filter A2 P2 (EN 14387).
Hand protection:	Nitrile rubber gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686 / EEC and the resultant standard EN satisfy 374th. BG Rule 195 note for the use of protective gloves.
Eye / face protection:	Tightly sealed goggles (EN 166).
Hygiene measures:	Change contaminated clothing. Preventive skin protection. Wash hands after working.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	Fluid		
Colour:	Colourless		
Odour:	Perfumed		
pH:	No information available		
Solubility in water:	Immiscible		
Viscosity:	Not determined		
Ignition temperature:	Not determined		
Melting point:	Not determined		Boiling point: Not determined
Flammability limits%:	Lower:	0.8 Vol%	Upper: 7 Vol %
	Flash point °C	42°C	Relative density: (23 ° C): ~ 0.9 g / cm ³

9.2. Other information

Other information:	n/a
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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity:	Fumes can combine with air to form an explosive mixture.
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10.2. Chemical stability

Chemical stability:	The product is chemically stable under standard ambient conditions (room temperature).
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10.3. Possibility of hazardous reactions

Hazardous reaction:	Risk of explosion with: Violent reactions possible with: oxidizing agent, aluminum
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10.4. Conditions to avoid

Conditions to avoid:	Warming.
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10.5. Incompatible materials

Materials to avoid:	Aluminum, light metals. Strong oxidizing agents.
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10.6. Hazardous decomposition products

Haz. decomp. products:	See section. 5
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Section 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity		
LD ₅₀ rat:	5660 mg / kg (RTECS; 2- (2-butoxyethoxy) ethanol)	Symptoms: Nausea, diarrhea, shortness of breath.
LD ₅₀ rat:	> 2000-5000 mg / kg (External MSDS; solvent naphtha)	
Acute dermal toxicity		
LD ₅₀ rabbit:	4120 mg / kg (IUCLID; 2- (2-butoxyethoxy) ethanol)	
LD ₅₀ rabbit:	> 2000 mg / kg (External MSDS; solvent naphtha)	
Acute inhalation toxicity		
Symptoms:	Possible damages: mucosal irritations.	
Skin irritation		
	Repeated or prolonged exposure may cause skin irritation and dermatitis due to degreasing properties of the product (foreign safety data sheet; 2- (2-Butoxyethoxy) ethanol).	
Eye irritation		
Rabbit:	Eye irritation (RTECS; 2- (2-butoxyethoxy) ethanol)	Symptoms: Causes serious eye irritation.
Rabbit:	No eye irritation	External MSDS; solvent naphtha
Sensitization		
	No sensitizing effects known.	External MSDS; solvent naphtha

Genotoxicity in vivo		
Mutagenicity:	Based on current information known no mutagenic effects.	External MSDS; solvent naphtha
Genotoxicity in vitro		
Ames test:	Salmonella typhimurium: negative	National Toxicology Program; 2- (2-butoxyethoxy) ethanol
Carcinogenicity		
According to current knowledge no known carcinogenic effects.	External MSDS; solvent naphtha	
Reproductive toxicity		
According to current knowledge no known toxic effects for reproduction	External MSDS; solvent naphtha	
Specific target organ toxicity - single exposure		
Can cause respiratory irritation. May cause drowsiness and dizziness.		
Specific target organ toxicity - repeated exposure		
The substance or mixture is not classified as specific target organ toxicant, repeated exposure		
Aspiration		
Classification in terms of aspiration. Can if swallowed and enters in the respiratory be fatal.		

11.2 Further information

Chronic intoxication:

Systemic effects:	CNS disorders, dizziness
Damage:	Liver, kidneys.
	Other dangerous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

Section 12: Ecological information

12.1. Toxicity

Toxicity to fish	
Leuciscus idus LC ₅₀ :	2750 mg / l / 48 hours (DIN 38412 (15); 2- (2-butoxyethoxy) ethanol
NOEC:	:> 1 -10 mg / l (External MSDS; solvent naphtha)
Toxicity to daphnia and other aquatic invertebrates	
Daphnia magna EC ₅₀ :	> 100 mg / l / 48 h (OECD 202; 2- (2-butoxyethoxy) ethanol

12.2. Persistence and degradability

Biodegradation:	58% / 28 d (OECD 301 C; 2- (2-butoxyethoxy) ethanol
Not readily biodegradable:	2- (2-butoxyethoxy) ethanol
Readily biodegradable:	foreign safety data sheet; solvent naphtha

Theoretical oxygen demand (ThOD):	2170 mg / g (IUCLID; 2- (2-butoxyethoxy) ethanol
Ratio BOD / ThBSB:	BOD ₅ : 11% (IUCLID; 2- (2-butoxyethoxy) ethanol
Ratio COD / ThBSB:	96% (IUCLID; 2- (2-butoxyethoxy) ethanol

12.3. Bioaccumulative potential

Bioaccumulative potential:	Partition coefficient n-octanol / water: log Pow: 00:56 (25 ° C) (external safety data sheet; 2- (2- Butoxyethoxy) ethanol). No bioaccumulation is to be expected (2- (2-butoxyethoxy) ethanol).
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12.4. Mobility on soil

Mobility:	No information available
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12.5. Results of PBT and vPvB assessment

PBT identification:	PBT / vPvB assessment not available as chemical Safety Assessment is not required / not performed.
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12.6. Other adverse effect

Other adverse effect:	Do not flush into surface waters, wastewater, or soil!
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Section 13: Disposal considerations**13.1. Waste treatment methods**

Disposal of product:	Chemicals must be disposed of in compliance with the respective national regulations.
Waste Code:	Name according to AVV and 2000/532 / EC: 200129 * detergents containing dangerous substances.
Disposal of packing:	Packages must be country-specific disposed of in compliance with official regulations left-back systems.
Waste Code:	Name according to AVV and 2000/532 / EC: 200139: plastics.

Section 14: Transport information**14.1. UN number**

UN number:	3295
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14.2. UN proper shipping name (under ADR/RID, IMDG, IATA-DGR)

Shipping name:	HYDROCARBONS, LIQUID, N.O.S. Inland waterway (AND/ADNR) not tested
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14.3. Transport hazard class(es)

Transport class:	3
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14.4. Packing group

Packing group:	III
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14.5. Environmental hazards

Environmentally hazardous:	No	Marine pollutant:	No
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14.6. Special precautions for user

EmS Fire / Spill Codes:	F-E (Non-Water Reactive Flammable Liquids) S-D (Flammable Liquids)
Tunnel category:	D/E
Transport category:	The transport regulations are cited according to international regulations and in the form in which they are applied in Germany, cited. Possible national deviations in other countries are not considered.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU regulations:	Ingredients according to Detergents Regulation 648/2004 / EC: Aromatic hydrocarbons: 15% or over but less than 30%. Fragrances. Citronellol Geraniol
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National regulations:	<p>Ordinance on Hazardous Substances Section 3 General Precautions Laundry and cleaning Act TRGS 500 Protective measures: minimum standards BGV A1 Principles of prevention BGR 189 Use of protective clothing BGR 190 Rules for the use of respirators BGR 192 Regeln for the use of eye and face protection BGR 195 Use of protective gloves BGR 197 Use of skin protection by the Central Office of the Professional Trade Associations</p> <p>Water hazard class 2 (polluting substance) VwVwS Anh. 4 Storage class 3 Merkblatt BG Chemie: M004 Irritating substances / corrosive substances M050 Dealing with harmful substances M053 General industrial safety measures for the handling of hazardous substances.</p>
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15.2. Chemical Safety Assessment

Chemical safety assessment:	For this product a chemical safety assessment was not carried out
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Section 16: Other information

Other information

Phrases used in Section 2 and section 3:	<p>Full text of risk phrases referred to under sections 2 and 3 H226 Flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness and dizziness. H411 Toxic to aquatic life with long lasting effects.</p> <p>Full text of R-phrases referred to under sections 2 and 3 R10 Flammable. R36 Irritating to eyes. R37 Irritating to respiratory system. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.</p>
Legal disclaimer:	<p>This information is based on our present state of knowledge and serve to describe the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.</p> <p>Existing laws and regulations have to be observed by the receiver of our product must take responsibility.</p>