

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

1.1. Product identifier

Product name: Product code: Manufacturer code:	Bodin W425 142506
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance/mixture:	Hardwood Floor Care
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1.3. Details of the supplier of the Safety Data Sheet

Company name: Tel: Email:	WIPEOUT LTD Unit 45, Cookstown Industry Estate 3 rd Avenue Tallaght Dublin24 Ireland +353 (01) 451 66 66 info@wipeout.ie
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1.4. Emergency telephone number


Emergency tel:	+353 86 252 8481 or (01) 809 2566 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. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Text of hazard statements see Section 16.
Classification under Directive 67/548 / EEC or 1999/45 / EC:	F, Xn Highly flammable, Harmful. R 11-65-67 Text of R-phrases see section 16.

2.2. Label elements

Label elements:	Regulation (EC) no. 1272/2008
Contains:	Distillates (petroleum), 2-propanol
Hazard statements:	H225 Highly flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H336 May cause drowsiness and dizziness.
Signal words:	Danger
Hazard pictograms:	
Precautionary statements:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. P233 Keep container tightly closed. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER. P331 Do NOT induce vomiting. P403 + P235 Store in a well-ventilated place.

Label elements:	Directive No 67/548 / EEC or 1999/45 / EC
Contains:	Distillates (petroleum), 2-propanol
Symbols:	F, Xn Highly flammable, Harmful.
Hazard statements:	<p>R-phrases: R11 Flammable. R65 Harmful: may cause lung damage if swallowed. R67 Vapours may cause drowsiness and dizziness</p> <p>S-phrases: S16 Keep away from sources of ignition - no smoking. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S33 Take precautionary measures against static discharges. S35 This material and its container must be disposed of in a safe way. S51 Use only in well-ventilated areas. S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.</p>

2.3. Other hazards

PBT:	Not known
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Section 3. Composition/information on ingredients

3.2. Mixtures

REACH Registration Number:	01-2119457558-25
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Chemical Name Content	EC No.	CAS No.	EC-Index-No.	CHIP Classification 1999/45/EC	CLP Classification Regulation (EC) No 1272/2008	Percent
Distillates (petroleum), hydrotreated light paraffinic (*)	265-158-7	64742-55-8	603-117-00-0	Xn; R65	Asp. Tox. 1, H304	>50-100%
2-Propanol	200-661-7	67-63-0	603-117-00-0	F; Xi R11; R36, R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	<20%

Text of R-phrases see section 16.

(*) A registration number for that substance is not present as the substance or its use under Article 2 of Regulation (EC) no. 1907/2006 (REACH) is exempted from registration, requires the annual tonnage registering or registering to is later provided.

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. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.
Inhalation:	Fresh air. If necessary, Consult a physician.

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

	Irritant effects, respiratory paralysis, drowsiness, dizziness, unconsciousness, narcosis, inebriation, headache, drowsiness and 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:	No information available
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Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media:	Suitable extinguishing agents Carbon dioxide, foam, powder. 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.
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5.4. Other information

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:	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:	Cover drains. 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:	Indications about waste treatment 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. 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 scheduled
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Section 8: Exposure controls / personal protection

8.1. Control parameters

2-propanol

	Name	Value	Peak limitation category:	Embryotoxic:
TRGS 900 AGW	2-Propanol	200 ml/m ³ 500mg/m ³	Factor: 2 (II)	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.
	Name	Parameter	Value	Specimen / Sampling
TRGS 903BGW	2-Propanol	Acetone	25mg / l	Blood / Sampling, Point b
TRGS 903 BGW	2-Propanol	Acetone	25mg / l	Urine / Sampling; Point b

8.2. Exposure controls

Individual protection measure:	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.
Hygiene Measures:	Change contaminated clothing. Preventive skin protection. Wash hands after working.
Respiratory protection:	Required when vapors / aerosols. Filter A2 P2 (EN 14387).
Hand protection:	Neoprene gloves, Viton. Information on penetration time should be obtained from the manufacturer. The selected protective gloves have to satisfy the specifications of EU Directive 89/686 / EEC and the resultant standard EN 374th BG Rule 195 note for the use of protective gloves.
Eye/face protection:	Tightly sealed goggles (EN 166).

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	Fluid		
Colour:	Pale yellow		
Odour:	Characteristic		
pH:	No information available		
Solubility in water:	non		
Viscosity:	-		
Melting point:	No information available		Boiling point: No information available
Flammability limits%:	Lower: 2% (2-propanol)	Upper: 13.4% (2-propanol)	
Flash point °C	No information available		Relative density: (20 ° C) 0.85 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 ignition or formation of inflammable gases or fumes with: alkali metals, alkaline earth metals, aluminium. Exothermic reaction with: oxidizing agent, nitric acid, iron. Risk of explosion with: chlorates, organic nitro compounds, hydrogen peroxide.
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10.4. Conditions to avoid

Conditions to avoid:	Warming
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10.5. Incompatible materials

Materials to avoid:	Rubber, various plastics, oils.
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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:	> 5000 mg / kg (OECD 401; Distillates (petroleum))	Symptoms: Risk of aspiration upon vomiting, Aspiration may cause pulmonary oedema and pneumonitis.
LDL ₀ human:	3570 mg / kg (RTECS; 2-propanol)	
LD ₅₀ rat:	5045 mg / kg (RTECS; 2-propanol)	
Acute dermal toxicity		
LD ₅₀ rabbit:	> 5000 mg / kg (OECD 402; Distillates (petroleum))	
LD ₅₀ rabbit:	12800 mg / kg (RTECS; 2-propanol)	
Acute inhalation toxicity		
LC ₅₀ rat:	> 5 mg / l / 4 h (OECD 403; Distillates (petroleum))	Symptoms: Drowsiness, dizziness, irritation of the respiratory tract.
LC ₅₀ rat:	46.5 mg / l / 4 h (External MSDS; 2-propanol)	
Skin irritation		
Rabbit:	non-irritant (OECD 404; Distillates (petroleum))	Drying-out effect resulting in rough and chapped skin (external safety data sheet; 2-Propanol).
Eye irritation		
Rabbit:	Non-irritant (OECD 405; Distillates (petroleum)).	
Rabbit:	Eye irritation (RTECS: 2-propanol)	Causes serious eye irritation.
Sensitization		
Guinea pig:	Negative (OECD 406; Distillates (petroleum)).	
Guinea pig:	Negative (IUCLID, 2-propanol).	
Genotoxicity in vivo		
Mutagenicity (mammal cell test):	micronucleus: negative (IUCLID, 2-propanol).	

Genotoxicity in vitro		
Mutagenicity: Ames test:	negative (External MSDS; Distillates (petroleum)).	
Ames test:	negative (IUCLID; 2-propanol)	
Mutagenicity (mammal cell test):	micronucleus: negative (External MSDS; 2-propanol).	
Carcinogenicity		
No carcinogenic effects in animal experiments (foreign Safety Data Sheet; Distillates (petroleum)). No carcinogenic effects in animal experiments (IUCLID; 2-propanol).		
Reproductive toxicity		
No impairment of reproductive performance / fertility in animal studies (OECD 421; Distillates (petroleum)). No impairment of reproductive performance in animal experiments (IUCLID; 2-propanol).		
Teratogenicity		
No teratogenic effects in animal experiments (IUCLID; 2-propanol).		
Specific target organ toxicity - single exposure		
No teratogenic effects in animal experiments (IUCLID; 2-propanol).		
Specific target organ toxicity - repeated exposure		
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.		
Aspiration		
No classification in terms of aspiration.		

11.2 Further information

Systemic effects:	After absorption: headache, dizziness, inebriation, unconsciousness, narcosis.
	After uptake of large quantities: respiratory paralysis, coma. 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	
Pimephales promelas LC ₅₀ :	> 100 mg / l / 96 h (OECD 203B; Distillates (petroleum))
Lepomis macrochirus LC ₅₀ :	1400 mg / l / 96 h (ECOTOX Database; 2-propanol)
Toxicity to daphnia and other aquatic invertebrates	
Daphnia magna:	EC ₅₀ : 13299 mg / l / 48 h (IUCLID; 2-propanol)
Entosiphon sulcatum:	EC ₅ : 4930 mg / l / 72 h (maximum permissible toxic concentration; Foreign safety data sheet; 2-propanol)
Toxicity to algae	
Pseudokirchneriella subcapitata NOEL:	> 100 mg / L / 72 h (OECD 201; Distillates (petroleum))
Desmodesmus subspicatus IC ₅₀ :	> 1000 mg / l / 72 h (IUCLID; 2-propanol)
Toxicity to bacteria	
Tetrahymena pyriformis NOEL:	> 1000 mg / L / 72 h (External MSDS; Distillates (petroleum))
Pseudomonas putida EC ₅ :	1050 mg / l / 16 h (External MSDS; 2-propanol)

12.2. Persistence and degradability

Persistence and degradability:	Biodegradation: 95% / 21 d (OECD 301E; 2-propanol) Readily biodegradable (2-propanol) Theoretical oxygen demand (ThOD) 2,400 mg / g (External MSDS; 2-propanol) Ratio BOD / ThBSB BSD5: 49% (IUCLID; 2-propanol) Ratio COD / ThBSB 96% (foreign safety data sheet; 2-propanol)
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12.3. Bioaccumulative potential

Bioaccumulative potential:	Partition coefficient n-octanol / water: log Pow: 0.05 (OECD 107; 2-propanol). No bioaccumulation is to be expected (2-propanol).
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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 not required / not conducted.
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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 operations:	Chemicals must be disposed of in compliance with the respective national regulations. Waste Code Description GCU 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 Description:	GCU and 2000/532 / EC 200139 plastics.

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

UN number:	1219
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14.2. UN proper shipping name (under ADR/RID, IMDG, IATA-DGR)

Shipping name:	ISOPROPANOL, SOLUTION, 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:	II
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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-A (General fire Schedule) S-B (Corrosive Substances)
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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.
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Section 15: Regulatory information

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

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 Rules for the use of eye and face protection BGR 195 Use of protective gloves BGR 197 Use of skin protection The Central Office of the Professional Trade Associations</p> <p>Water hazard class 1 (slightly 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>H225 Highly flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H319 Causes serious eye irritation. H336 May cause drowsiness and dizziness.</p> <p>Full text of R-phrases referred to under sections 2 and 3 R11 Highly flammable. R36 Irritating to eyes. R65 Harmful: may cause lung damage if swallowed. 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>