

**Section 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

<b>Product name:</b>	Spulflott
<b>Product code:</b>	FAIR
<b>Manufacturer code:</b>	120006

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

<b>Use of substance/mixture:</b>	Dishwasher Detergent
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**1.3. Details of the supplier of the Safety Data Sheet**

<b>Company name:</b>	WIPEOUT LTD
	Unit 45, Cookstown Industry Estate 3 <sup>rd</sup> Avenue Tallaght Dublin24 Ireland
<b>Tel:</b>	+353 (01) 451 66 66
<b>Email:</b>	info@wipeout.ie

**1.4. Emergency telephone number**

<b>Emergency tel:</b>	Wipeout +353 1 451 6666 (office hours 8-5) +353 (0) 86 252 8481 or The National Poisons Information Centre +353 (0)1 809 2566 or (0)1 837 9964
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**Section 2. Hazards identification****2.1. Classification of the substance or mixture**

<b>Classification under CLP Regulation No. 1272/2008:</b>	Eye Irrit. 2, H319 Text of hazard statements see Section 16.
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**2.2. Label elements**

<b>Label elements:</b>	Regulation (EC) no. 1272/2008
<b>Hazard statements:</b>	H319 causes serious eye irritation.
<b>Signal words:</b>	Warning
<b>Hazard pictograms:</b>	
<b>Precautionary statements:</b>	P280 Wear protective gloves/eye protection. P337 + P313 If eye irritation persists: Get medical advice/attention

**2.3. Other hazards**

<b>Results of PBT and vPvB assessment:</b>	Not known.
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**Section 3. Composition/information on ingredients****3.2. Mixtures**

Chemical Name Content	EC No.	CAS No.	EC-Index-No.	CHIP Classification 1999/45/EC	CLP Classification Regulation (EC) No 1272/2008	Percent
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Alcohols, C12-14, ethoxylated, sulfates, sodium salts	500-234-8	68891 -38-3			Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	< 10 %
	<b>REACH Registration Number:</b>		01 - 2119488639-16			
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., sodium salts	270-115-0	68411 -30-3			Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	< 10 %
	<b>REACH Registration Number:</b>		01 -2119489428-22			

Full text of R-phrases see section 16.

## Section 4. First aid measures

### 4.1. Description of first aid measures

<b>Skin contact:</b>	Wash off with plenty of water. Remove contaminated clothing. Consult a physician if skin irritations occur.
<b>Eye contact:</b>	Rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist.
<b>Ingestion:</b>	Make victim drink plenty of water (two glasses at most), avoid vomiting. Call in physician.
<b>Inhalation:</b>	Fresh air. Call in physician if feeling unwell

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

	No information available
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Immediate / special treatment:</b>	No information available
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## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media:</b>	For this substance / mixture no limitations of extinguishing agents are given.

### 5.2. Special hazards arising from the substance or mixture

<b>Exposure hazards:</b>	Not Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.
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### 5.3. Advice for fire-fighters

<b>Special protective equipment for firefighters:</b>	Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
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### 5.4. Other information

<b>Other information:</b>	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

<b>Personal precautions:</b>	Caution: Risk of slipping. Do not inhale vapours/aerosols.
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### 6.2. Environmental precautions

<b>Environmental precautions:</b>	Avoid entering surface water, ground water and sewerage system.
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### 6.3. Methods and material for containment and cleaning up

<b>Clean-up procedures:</b>	Take up with incombustible liquid-absorbent material. Forward for disposal. Clean up affected area.
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### 6.4. Reference to other sections

<b>Reference to other sections:</b>	Indications about waste treatment see section 13.
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## Section 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Notes for safe handling:</b>	Do not inhale vapours/aerosols. Avoid generation of vapours/aerosols.
<b>Notes for prevention of fire and explosion:</b>	Not required.

### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage conditions:</b>	Store cool above 5 °C. Keep away from sun and heat. Tightly closed in a well-ventilated place.
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### 7.3. Specific end use(s)

<b>Specific end use(s):</b>	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated
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## Section 8: Exposure controls / personal protection

### 8.1. Control parameters

	Contains no substances with occupational exposure limit values.
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### 8.2. Exposure controls

<b>Individual protection measure:</b>	Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.
<b>Hygiene Measures:</b>	Change contaminated clothing. Apply skin- protective barrier cream
<b>Respiratory protection:</b>	Required when vapours/aerosols are generated. Filter A2 P2 (EN 14387)
<b>Hand protection:</b>	Material: Nitrile rubber. Thickness: 0.1 mm Breakthrough time: > 480 min  The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374, e.g. Franz Mensch Nitrile Safe Premium. This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves.
<b>Eye/face protection:</b>	Tightly fitting safety goggles (EN 166)

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Form:</b>	liquid
<b>Colour:</b>	yellow

<b>Odour:</b>		perfumed	
<b>pH:</b>		6.5	
<b>Solubility in water:</b>		miscible	
<b>Ignition temperature:</b>		not applicable	
<b>Melting point:</b>		not specified	<b>Boiling point:</b> not specified
<b>Explosion limits%:</b>	<b>Lower:</b>	not applicable	<b>Upper:</b> not applicable
<b>Flash point °C</b>		not applicable	<b>Density (20 °C)</b> ~ 1.0 g/cm <sup>3</sup>

### 9.2. Other information

<b>Other information:</b>	None
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## Section 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity:</b>	See section 10.3.
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### 10.2. Chemical stability

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

<b>Hazardous reaction:</b>	No information available
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### 10.4. Conditions to avoid

<b>Conditions to avoid:</b>	Strong heating
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### 10.5. Incompatible materials

<b>Materials to avoid:</b>	No information available.
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### 10.6. Hazardous decomposition products

<b>Haz. decomp. products:</b>	See section 5
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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Acute oral toxicity</b>	
LD <sub>50</sub> rat:	>2000 mg/kg (OECD 401; Alcohols, C12-14, ethoxylated, sulfates, sodium salts)
LD <sub>50</sub> rat:	1470 mg/kg (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)
<b>Acute dermal toxicity</b>	
LD <sub>50</sub> rat:	>2000 mg/kg (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)
<b>Skin irritation</b>	
Rabbit:	Irritating (OECD 404; Alcohols, C12-14, ethoxylated, sulfates, sodium salts). Corrosive (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.). Causes severe skin burns.
<b>Eye irritation</b>	
Rabbit:	Irritating (OECD 405; Alcohols, C12-14, ethoxylated, sulfates, sodium salts). Corrosive (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.). Causes serious eye damage.
<b>Genotoxicity in vitro</b>	
Mutagenicity (mammal cell test):	Negative (OECD 471; Alcohols, C12-14, ethoxylated, sulfates, sodium salts).



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<b>Specific target organ toxicity - single exposure</b>
The substance or mixture is not classified as specific target organ toxicant, single exposure.
<b>Specific target organ toxicity - repeated exposure</b>
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
<b>Aspiration</b>
No aspiration toxicity classification.

### 11.2 Further information

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals

## Section 12: Ecological information

### 12.1. Toxicity

<b>Toxicity to fish</b>	
Brachydanio rerio LC <sub>50</sub> :	>10-100 mg/l (DIN EN ISO 7346-2; Alcohols, C12-14, ethoxylated, sulfates, sodium salts)
Lepomis macrochirus LC <sub>50</sub> :	1 -10 mg/l /96 h (external MSDS; Benzenesulfonic acid, 4-C10-13-secalkyl derivs.)
<b>Toxicity to daphnia and other aquatic invertebrates</b>	
Daphnia sp. EC <sub>50</sub> :	1 -10 mg/l /48 h (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)
<b>Toxicity to algae</b>	
EC <sub>50</sub> :	1 -10 mg/l (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.).
<b>Toxicity to bacteria</b>	
Activated sludge: Pseudomonas putida EC <sub>0</sub> :	> 100 mg/l (OECD 209; Alcohols, C12-14, ethoxylated, sulfates, sodium salts)

### 12.2. Persistence and degradability

<b>Biodegradability:</b>	The surfactants contained in this preparation complies with the Biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them, at their direct request or at the request of a detergent manufacturer.  Readily biodegradable (OECD 301 ; Alcohols, C12-14, ethoxylated, sulfates, sodium salts). Biodegradation: >60 % / 28 d (OECD 301B; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.) Readily biodegradable (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)
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### 12.3. Bioaccumulative potential

<b>Bioconcentration factor:</b>	> 100 (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.).
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### 12.4. Mobility on soil

<b>Mobility:</b>	No information available.
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### 12.5. Results of PBT and vPvB assessment

<b>PBT identification:</b>	PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.
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### 12.6. Other adverse effect

<b>Additional ecological information:</b>	Do not allow to enter waters, waste water, or soil!
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**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

<b>Disposal of product:</b>	Chemicals must be disposed of in compliance with the respective national regulations.
<b>Code of the waste:</b>	<b>Name according to directive 2000/532/EC:</b>
200129*	detergents containing dangerous substances
070601*	aqueous washing liquids and mother liquors
<b>Disposal of packing:</b>	Product packaging must be disposed of in compliance with the country-specific regulations or must be to a packaging return system
200139	plastics

**Section 14: Transport information**

Not classified as dangerous in the meaning of transport regulations

**Section 15: Regulatory information**

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

<b>EU regulations:</b>	Ingredients according to Regulation (EC) on detergents No. 648/2004: Anionic surfactants: 5 % or over but less than 15 % Benzisothiazolinone, Methylisothiazolinone.
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**15.2. Chemical Safety Assessment**

<b>Chemical safety assessment:</b>	For this product a chemical safety assessment was not carried out.
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**Section 16: Other information**

**Other information**

<b>Reason of alteration :</b>	SECTION 2: Hazards identification SECTION 3: Composition / information on ingredients SECTION 8: Exposure controls/personal protection Control parameters Exposure controls: Hand protection
<b>Phrases used in Section 2 and section 3:</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
<b>Legal disclaimer:</b>	The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product