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# Safety Data Sheet

ZinZan  
Prepared 19.04.2006

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## 1. Substance / preparation and company name

ZinZan

### Use of the Substance/ Preparation

Adjuvant

### Company identification

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1b Mills Way, Boscombe Down Business Park, Amesbury, Wiltshire. SP4 7RX  
Telephone: 01980 676500 Fax: 01980 626555

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## 2. Composition / information on ingredients

Chemical name	Concentration (%)	CAS	Symbol	R-phrases
1,2 bis (2 – ethylhexyloxycarbonyl) ethanesulphonate	70%	577-11-7	Xi	R38, R41
2-ethyl hexanol	<2%	104-76-7	Xi	R36/38

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## 3. Possible hazards

Irritating to skin.

Risk of serious damage to eyes.

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## 4. First aid measures

**Inhalation:** Not specifically applicable (aqueous liquid)

**Skin contact:** Immediately rinse with plenty of water. If the skin becomes inflamed, call a doctor.

**Eye contact:** Immediately rinse with plenty of water for a prolonged period (at least 15 minutes) whilst keeping the eyes wide open. Consult an eye specialist immediately, even if there are no visible injuries.

**Ingestion:** Rinse mouth out with water. Never attempt to induce vomiting. Call a doctor who will decide whether a stomach wash-out is necessary. If possible show this safety data sheet or the product label.

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## 5. Fire fighting measures

**Suitable extinguishing media:** Water spray, foam, carbon dioxide.

**Unsuitable extinguishing media:** Large quantities of water.

**Specific hazards:** Aqueous liquid. Does not present any particular risk in the event of a fire. Nevertheless, following the evaporation of water, the residue may burn. Toxic gases are released.

**Special protective equipment for fire fighters:** Self-contained breathing apparatus.

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## 6. Accidental release measures

**Personal precautions:** Prevent the product from spreading into the environment. Avoid contact with skin and eyes. Personal protective equipment: appropriate gloves, safety glasses. Warn of danger. Stop the leak and if possible, avoid any contact with skin and clothing.

**Environmental precautions:** For a large spillage, contain the spillage by bunding. Prevent the product from spreading into the environment.

### Methods for cleaning up:

Recovery: Vacuum up the product. Collect up the product and place it in a spare container; suitably labelled. Keep the recovered product for subsequent disposal.

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Neutralization: Absorb spillage with sand or inert absorbent.

Cleaning/ decontamination: Wash non-recoverable remainder with large amounts of water. Recover the cleaning water for subsequent disposal.

Disposal: Dispose of materials or solid residues at an authorized site.

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### 7. Handling and storage

**Handling:** Comply with instructions for use.

**Storage:**

Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Store in a cool, dry place; protect from frost; keep the container tightly closed; keep in original packaging.

Incompatible products: oxidizing materials, products reacting with water.

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### 8. Exposure controls / personal protection

**Hand protection:** Impermeable protective gloves.

**Eye protection:** Safety spectacles.

**Skin and body protection:** Impermeable clothing.

**Collective emergency equipment:** Eye fountain; safety shower.

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### 9. Physical and chemical properties

Appearance:	Liquid
Odour:	None
pH:	7 (approx)
Boiling point:	100
Flash point:	Not applicable (aqueous liquid)
Oxidizing properties:	Non oxidizing material according to EEC criteria
Specific gravity:	1.09 kg/dm <sup>3</sup> at 20°C (approx)
Solubility in water:	Dispersible

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### 10. Stability and reactivity

**Stability:** Stable under normal conditions of use.

**Materials to avoid:** No dangerous reaction known with common products.

**Hazardous decomposition products:** On combustion or on thermal decomposition (following the evaporation of water) releases: carbon oxides, sulphur oxides.

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### 11. Toxicological information

Acute oral toxicity: Not classified as harmful if swallowed

Acute dermal toxicity:

Acute inhalation toxicity:

Skin irritation: Irritating to skin

Eye irritation: Severely irritating to eyes. Risk of serious damage to eyes

Skin sensitisation: No information available

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### 12. Ecological information

Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

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### 13. Disposal considerations

**Waste from residues:**

Prohibition: Discharging waste into rivers and drains is forbidden.  
Destruction/ disposal: Dispose of in accordance with relevant local regulations.

**Contaminated packaging:**

Decontamination/ cleaning: Carefully drain and then steam clean.  
Destruction/ disposal: Incinerate at a licensed installation.

Note: The User's attention is drawn to the possible existence of local regulations regarding disposal.

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**14. Transport information**

Not regulated for transport.

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**15. Regulatory information**

This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP3

Hazard symbols:	Xi	Irritant
Risk phrases:	R38	Irritating to skin
	R41	Risk of serious damage to eyes
Safety phrases:	S24	Avoid contact with skin
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S39	Wear eye/ face protection

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**16. Other information**

Text of R phrases mentioned in Section 2

R22 Harmful if swallowed

R36/38 Irritating to eyes and skin

R38 Irritating to skin

R41 Risk of serious damage to eyes

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Disclaimer**

The above information is intended to give general health and safety guidance on the storage and transport of the substance or product to which it relates. It is not intended to apply to the use of the substance or product for which purposes the substance or product label and any appropriate technical usage literature available should be consulted and any relevant licences, consents or approvals complied with. The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given. The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted for any injury loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

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