

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Sulphanilamide

Revision 3

Revision date 2014-04-23

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

#### 1.1. Product identifier

Product name	Sulphanilamide
CAS No.	63-74-1
EC No.	200-563-4

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

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU24] Scientific research and development; [PC21] Laboratory chemicals; [PROC15] Use as laboratory reagent; [ERC8b] Wide dispersive indoor use of reactive substances in open systems;
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#### 1.3. Details of the supplier of the safety data sheet

Company	Elemental Microanalysis Ltd
Address	Hameldown Road Okehampton Business Park Exeter Road Okehampton Devon EX20 1UB United Kingdom
Web	www.microanalysis.co.uk
Telephone	+44 (0) 1837 54446
Fax	+44 (0) 1837 54544
Email	info@microanalysis.co.uk
Email address of the competent person	.

#### 1.4. Emergency telephone number

Emergency telephone number	+44 (0) 7990 767375 (24 hours)
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	Xi; R36/37/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes, respiratory system and skin.
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;

#### 2.2. Label elements

Hazard pictograms	
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## 2.2. Label elements

<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.
<b>Precautionary Statement: Prevention</b>	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P321 - Specific treatment (see on this label). P330 - Rinse mouth. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
<b>Precautionary Statement: Disposal</b>	P405 - Store locked up. P501 - Dispose of contents/container to a licensed waste disposal company

## 2.3. Other hazards

<b>Other hazards</b>	No data available.
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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sulphanilimide		63-74-1	200-563-4		90 - 100%	Xi; R36/37/38

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sulphanilimide		63-74-1	200-563-4		90 - 100%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Irritating to respiratory system. Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
<b>Skin contact</b>	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Seek medical attention.

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

<b>Inhalation</b>	No data available.
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## 4.2. Most important symptoms and effects, both acute and delayed

Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Carbon oxides. Dry chemical. Water spray.
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### 5.2. Special hazards arising from the substance or mixture

	Carbon Oxides, Nitrogen Oxides, Sulphur Oxides.
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### 5.3. Advice for firefighters

	Self-contained breathing apparatus.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Avoid raising dust. Ensure adequate ventilation of the working area. Wear suitable protective equipment. Do not breathe gas/fumes/vapour/spray.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 6.3. Methods and material for containment and cleaning up

	Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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### 6.4. Reference to other sections

	Contact a licensed waste disposal company.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid formation of dust.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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### 7.3. Specific end use(s)





	No data available.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

	None.
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### 8.2. Exposure controls

	   
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## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable protective equipment.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear:.. Suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

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

State	Powder
Colour	White
Odour	Slight
pH	5.8 - 6.1
Melting point	164 - 166 °C
Freezing Point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Water solubility	0.0075 g/cm <sup>3</sup>
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive	No data available
Oxidising	No data available
Solubility	Soluble in water

### 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	No data available.
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### 10.2. Chemical stability

	Light and Air sensitive.
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### 10.3. Possibility of hazardous reactions

	Strong oxidising agents.
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### 10.4. Conditions to avoid

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## 10.4. Conditions to avoid

Air. Light. Heat. Avoid formation of dust.

## 10.5. Incompatible materials

Strong oxidising agents.

## 10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides. Sulphur oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Irritating to eyes, respiratory system and skin.

#### 11.1.4. Toxicological Information

##### Sulphanilamide

Oral Rat LD50: 3900mg/kg  
Dermal Guinea Pig LD50: 3130mg/kg

Oral Mouse LD50: 3000mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

No data is available on this product.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Contact a licensed waste disposal company.

#### General information

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

### 14.6. Special precautions for user

Refer to sections: 1.2, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12 &amp; 13.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not determined.

#### ADR/RID

The product is not classified as dangerous for carriage.

#### IMDG

The product is not classified as dangerous for carriage.

#### IATA

The product is not classified as dangerous for carriage.

#### Further information

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## Further information

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

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

## Regulations

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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## 15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out.
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## SECTION 16: Other information

## Other information

## Revision

Revision	This document differs from the previous version in the following areas:. 2 - Precautionary Statement: Disposal. 11 - 11.1. Information on toxicological effects. 14 - 14.6. Special precautions for user. 14 - 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code. 15 - 15.2. Chemical safety assessment.
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## Text of risk phrases in Section 3

Text of risk phrases in Section 3	R36/37/38 - Irritating to eyes, respiratory system and skin.
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## Text of Hazard Statements in Section 3

Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.
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## Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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