

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

### 1.1. Product identifier

Trade name or designation of the mixture	PURINETHOL TABLETS
Registration number	-
Synonyms	PURI-NETHOL TABLETS * PURINETHOL TABLETS 25 MG * PURI-NETHOL TABLETS 50 MG * MERCAPTOPURINA WELLCOME COMPRIMIDOS * MERCAPTOPURINE MONOHYDRATE, FORMULATED PRODUCT
Issue date	20-October-2014
Version number	17
Revision date	20-October-2014
Supersedes date	17-April-2014

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

**Identified uses** Medicinal Product

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.

**Uses advised against** No other uses are advised.

### 1.3. Details of the supplier of the safety data sheet

GlaxoSmithKline UK  
980 Great West Road  
Brentford, Middlesex TW8 9GS UK  
UK General Information (normal business hours): +44-20-8047-5000  
Email Address: msds@gsk.com  
Website: www.gsk.com

### 1.4. Emergency telephone number

TRANSPORT EMERGENCIES::  
UK In-country toll call: +(44)-870-8200418  
International toll call: +1 703 527 3887  
available 24 hrs/7 days; multi-language response

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

#### Classification according to Regulation (EC) No 1272/2008 as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

### 2.3. Other hazards

Assume that this product is capable of sustaining combustion.  
Caution - Pharmaceutical agent. See section 11 for additional information on health hazards.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

## General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
---------------	---	------------------	------------------------	-----------	-------

MERCAPTOPYRINE MONOHYDRATE	16 - < 40.3	6112-76-1	-	-	
<b>Classification:</b>	<b>DSD:</b>	Carc. Cat. 3;R40, Muta. Cat. 3;R68, Repr. Cat. 2;R60-61, Xn;R22-48/22, R64, R52-53			
	<b>CLP:</b>	Acute Tox. 4;H302, Muta. 2;H341, Carc. 2;H351, Repr. 1B;H360FD, Lact.;H362, STOT RE 2;H373, Aquatic Chronic 3;H412			

Starch	10 - < 20	9005-25-8 232-679-6	-	-	
<b>Classification:</b>	<b>DSD:</b>	-			
	<b>CLP:</b>	-			

MAGNESIUM STEARATE	< 1	557-04-0 209-150-3	-	-	
<b>Classification:</b>	<b>DSD:</b>	-			
	<b>CLP:</b>	-			

Other components below reportable levels 50 - < 60

### List of abbreviations and symbols that may be used above

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Community workplace exposure limit(s).

**Composition comments** The full text for all R- and H-phrases is displayed in section 16.

## SECTION 4: First aid measures

### General information

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

The need for pre-placement and periodic health surveillance must be determined by risk assessment. Following assessment, if the risk of exposure is considered significant then exposed individuals should undergo appropriate health surveillance that may include symptom enquiry, clinical examination and monitoring of lead organ effects (e.g. full blood counts). In the event of overexposure, individuals should receive post exposure health surveillance focused on the most likely health effects (e.g. full blood counts).

### 4.1. Description of first aid measures

**Inhalation** If breathing is difficult, trained personnel should give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

**Skin contact** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove and isolate contaminated clothing and shoes. Get medical attention immediately.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Ingestion** If swallowed, rinse mouth with water (only if the person is conscious). Call a physician or poison control centre immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

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

Irritant effects. Prolonged exposure may cause chronic effects. The following adverse effects have been noted with therapeutic use of this material: bone marrow toxicity; nausea; vomiting; diarrhoea; anorexia; rash; hair loss.

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

No specific antidotes are recommended. Treat according to locally accepted protocols. For additional guidance, refer to the current prescribing information or to the local poison control information centre.

## SECTION 5: Firefighting measures

### General fire hazards

Assume that this product is capable of sustaining combustion.

### 5.1. Extinguishing media

**Suitable extinguishing media** Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Water.

<b>Unsuitable extinguishing media</b>	None known.
<b>5.2. Special hazards arising from the substance or mixture</b>	During fire, gases hazardous to health may be formed.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire fighting procedures</b>	Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate personal protective equipment. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8.
<b>For emergency responders</b>	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions** Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Stop the flow of material, if this is without risk. Collect spillage. Prevent product from entering drains. Following product recovery, flush area with water.

**6.4. Reference to other sections** For personal protection, see section 8. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not taste or swallow. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.

**7.2. Conditions for safe storage, including any incompatibilities** Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

**7.3. Specific end use(s)** Medicinal Product

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

<b>GSK Components</b>	<b>Type</b>	<b>Value</b>	<b>Note</b>
MAGNESIUM STEARATE (CAS 557-04-0)	OHC	1	
MERCAPTOPURINE MONOHYDRATE (CAS 6112-76-1)	8 HR TWA	10 mcg/m <sup>3</sup>	REPRODUCTIVE HAZARD, CARCINOGEN
	OHC	4	REPRODUCTIVE HAZARD, CARCINOGEN

#### UK. EH40 Workplace Exposure Limits (WELs)

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Starch (CAS 9005-25-8)	TWA	4 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	Respirable. Inhalable

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no-effect level (DNEL)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	An Exposure Control Approach (ECA) is established for operations involving this material based upon the OEL/Occupational Hazard Category and the outcome of a site- or operation-specific risk assessment. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>General information</b>	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Follow all local regulations if personal protective equipment (PPE) is used in the workplace.
<b>Eye/face protection</b>	Eye wash fountain is recommended. Wear safety glasses with side shields (or goggles). (eg. EN 166)
<b>Skin protection</b>	
<b>- Hand protection</b>	The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Glove selection must take into account any solvents and other hazards present. Select suitable chemical resistant protective gloves (EN 374) with a protective index 6 (>480min permeation time).
<b>- Other</b>	Wear appropriate chemical resistant clothing. (EN 14605 for splashes, EN ISO 13982 for dust)
<b>Respiratory protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Where breathable aerosols/dust are formed, use suitable combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (eg. EN 14387).
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	An occupational/industrial hygiene monitoring method has been developed for this material. For advice on suitable monitoring methods, seek guidance from a qualified environment, health and safety professional.  Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Do not get this material on clothing. Wash contaminated clothing before reuse. When using, do not eat, drink or smoke. New or expectant mothers might be at greater risk from overexposure. Risk assessments must take this into consideration. Female employees anticipating pregnancy or with a confirmed pregnancy must be encouraged to notify an occupational health professional or their line manager. This will act as the trigger for individual re-assessment of the employee's work practices.
<b>Environmental exposure controls</b>	
<b>Hazard guidance and control recommendations</b>	Contain spills and prevent releases and observe national regulations on emissions. Environmental manager must be informed of all major releases.

## SECTION 9: Physical and chemical properties

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

#### Appearance

<b>Physical state</b>	Solid.
<b>Form</b>	Tablet.
<b>Colour</b>	Not available.
<b>Odour</b>	Not available.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.

#### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.

<b>Solubility (other)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	No relevant additional information available.

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Alkali metals. Isocyanates
<b>10.6. Hazardous decomposition products</b>	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

<b>Inhalation</b>	Health injuries are not known or expected under normal use. Inhalation of dusts may cause respiratory irritation.
<b>Skin contact</b>	Health injuries are not known or expected under normal use. Dust or powder may irritate the skin.
<b>Eye contact</b>	Health injuries are not known or expected under normal use. Direct contact with eyes may cause temporary irritation. Dust or powder may irritate eye tissue.
<b>Ingestion</b>	Health injuries are not known or expected under normal use. Harmful if swallowed.
<b>Symptoms</b>	Irritant effects. Prolonged exposure may cause chronic effects. The following adverse effects have been noted with therapeutic use of this material: bone marrow toxicity; nausea; vomiting; diarrhoea; anorexia; rash; hair loss;.  Adverse effects might occur in the following organ(s) following overexposure: bone marrow and formation of blood cells; liver; immune system.

### 11.1. Information on toxicological effects

**Acute toxicity** Health injuries are not known or expected under normal use. Harmful if swallowed.

Components	Species	Test results
MAGNESIUM STEARATE (CAS 557-04-0)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg
MERCAPTOPURINE MONOHYDRATE (CAS 6112-76-1)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Mouse	1250 mg/kg
<b>Chronic</b>		
<i>Oral</i>		
LD	Rat	20 mg/kg/day, 6 months
NOAEL	Rat	< 5 mg/kg/day, 6 months

**Skin corrosion/irritation** Health injuries are not known or expected under normal use.

#### Irritation Corrosion - Skin

MERCAPTOPURINE MONOHYDRATE	Acute dermal irritation; OECD 404, Primary Irritation Index: 0 Result: negative Species: Rabbit
----------------------------	---

#### Irritation Corrosion - Skin: P.I.I. value

MAGNESIUM STEARATE	0
--------------------	---

**Serious eye damage/eye irritation**

Health injuries are not known or expected under normal use.

**Eye**

MERCAPTOPURINE MONOHYDRATE

Acute ocular irritation; OECD 405, Kay and Calandra score = 4; maximum group mean score = 9.3  
 Result: Mild irritant  
 Species: Rabbit  
 IRE Assay  
 Result: Negative; not likely to be a severe irritant

**Eye / Kay and Calandra class - Intact**

MAGNESIUM STEARATE

4  
 Recovery Period: 2 days

**Respiratory sensitisation**

Not available.

**Skin sensitisation**

Health injuries are not known or expected under normal use.

**Germ cell mutagenicity**

Health injuries are not known or expected under normal use. Contains a component that produced mutagenicity in laboratory tests.

**Mutagenicity**

MERCAPTOPURINE MONOHYDRATE

Ames Assay, GLP assay  
 Result: positive  
 Chromosomal Aberration Assay In Vitro, human peripheral lymphocytes  
 Result: positive  
 Mammalian cell mutation assay (CHO/HGPRT forward mutation assay)  
 Result: positive  
 Mouse Lymphoma Cell (L5178Y) Mutation Assay, GLP assay  
 Result: positive  
 Unscheduled DNA Synthesis, in vivo - in vitro  
 Result: negative

**Carcinogenicity**

Health injuries are not known or expected under normal use. Contains a component listed as a carcinogen by: (GSK).

**Reproductive toxicity**

This material contains components which have been classified as: Possible reproductive hazard. May damage fertility. Potential embryo-foetal toxicity and teratogenicity. May cause harm to breastfed babies.

**Specific target organ toxicity - single exposure**

None known.

**Specific target organ toxicity - repeated exposure**

May cause damage to organs through prolonged or repeated exposure.

MERCAPTOPURINE MONOHYDRATE

Repeat dose non-clinical studies; clinical observation  
 Organ: Bone marrow; liver; immune system

**Aspiration hazard**

Not available.

**Mixture versus substance information**

No information available.

**Other information**

Symptoms may be delayed.

**SECTION 12: Ecological information****12.1. Toxicity**

Contains a substance which causes risk of hazardous effects to the environment.

**Components****Species****Test results**

MAGNESIUM STEARATE (CAS 557-04-0)

**Aquatic***Acute*

Fish

EC50

Orange-red killfish (Adult Oryzias latipes)

130 mg/l, 96 hours

MERCAPTOPURINE MONOHYDRATE (CAS 6112-76-1)

*Acute*

IC50

Activated sludge

&gt; 1000 mg/l, 3 hours

**Aquatic***Acute*

Algae

EC50

Green algae (Scenedesmus subspicatus)

&gt; 100 mg/l, 72 hours Static test

NOEC

Green algae (Scenedesmus subspicatus)

100 mg/l, 72 hours Static test

Crustacea

EC50

Water flea (Daphnia magna)

72 mg/l, 48 hours Static test

Components	Species	Test results
	NOEC	Water flea (Daphnia magna)
		32 mg/l, 48 hours Static test

## 12.2. Persistence and degradability

### Photolysis

#### Half-life (Photolysis-atmospheric)

MAGNESIUM STEARATE 17 Hours Estimated

#### UV/visible spectrum wavelength

MAGNESIUM STEARATE 210 nm

### Hydrolysis

#### Half-life (Hydrolysis-neutral)

MERCAPTOPURINE MONOHYDRATE 34 - 88 Days Measured, pH 7 Buffer Solution

### Biodegradability

#### Percent degradation (Aerobic biodegradation-inherent)

MAGNESIUM STEARATE 77 %, 28 days BOD

MERCAPTOPURINE MONOHYDRATE < 1 %, 28 days Modified Zahn-Wellens, Activated sludge

#### Percent degradation (Aerobic biodegradation-ready)

MAGNESIUM STEARATE 95 %, 22 days Sturm test

MERCAPTOPURINE MONOHYDRATE 11 %, 28 days Modified Sturm test.

#### Percent degradation (Aerobic biodegradation-soil)

MAGNESIUM STEARATE 50 %, 13 days

## 12.3. Bioaccumulative potential

### Partition coefficient

#### n-octanol/water (log Kow)

MERCAPTOPURINE MONOHYDRATE < -2.03

### Bioconcentration factor (BCF)

MAGNESIUM STEARATE > 9999 Estimated

## 12.4. Mobility in soil

No data available.

### Adsorption

#### Soil/sediment sorption - log Koc

MAGNESIUM STEARATE 5.86 Estimated

### Mobility in general

Not available.

## 12.5. Results of PBT

Not available.

### and vPvB

### assessment

## 12.6. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Residual waste

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

#### EU waste code

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

#### Disposal methods/information

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Special precautions

Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I**  
Not listed.

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II**  
Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**  
Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended**  
Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended**  
Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended**  
Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended**  
Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry**  
Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**  
Not listed.

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**  
Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**  
Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work**  
Not listed.

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding**  
Not listed.

#### Other EU regulations

**Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances**  
Not listed.

**Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**  
Not listed.

**Directive 94/33/EC on the protection of young people at work**  
Not listed.

#### Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Pregnant women should not work with the product, if there is the least risk of exposure.

#### National regulations

Young people under 18 years old are not allowed to work with this product according to the EU Directive 94/33/EC on the protection of young people at work. Follow national regulation for work with chemical agents.

#### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

#### List of abbreviations

Not available.

#### References

GSK Hazard Determination

#### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.



**Full text of any statements or R-phrases and H-statements under Sections 2 to 15**

R22 Harmful if swallowed.  
R40 Limited evidence of a carcinogenic effect.  
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.  
R52 Harmful to aquatic organisms.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R53 May cause long term adverse effects in the aquatic environment.  
R60 May impair fertility.  
R61 May cause harm to the unborn child.  
R64 May cause harm to breastfed babies.  
R68 Possible risk of irreversible effects.  
H302 Harmful if swallowed.  
H341 Suspected of causing genetic defects.  
H351 Suspected of causing cancer.  
H360FD May damage fertility. May damage the unborn child.  
H362 May cause harm to breast-fed children.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.

**Revision information**

Product and Company Identification: Physical States  
SECTION 2: Hazards identification: Classification of the substance or mixture  
SECTION 2: Hazards identification: Hazard statements  
SECTION 2: Hazards identification: Prevention  
Composition / Information on Ingredients: Ingredients  
SECTION 4: First aid measures: General information  
SECTION 8: Exposure controls/personal protection: Hygiene measures  
SECTION 11: Toxicological information: Symptoms  
SECTION 12: Ecological information: Mobility in general  
SECTION 13: Disposal considerations: Disposal methods/information  
SECTION 16: Other information: References

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.