

MSDS

Material Safety Data Sheet

Date prepared: May 28, 2012

Date revised: N/A (first edition)

Section 1 - General Information

Chemical Name: Sulfamethoxazole
CAS Reg. Number: 723-46-6
Catalog Number: 1ST4005
Manufacturer's Name: A Chemtek, Inc.
100 Barber Avenue
Worcester, MA 01606, USA
Telephone Number: 508-471-4121
Fax Number: 508-845-9201
For R & D use only

Section 2 - Hazardous Ingredients/Identity Information

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Skin irritation (Category 2)

Eye irritation (Category 2)

Skin sensitization (Category 1)

Specific target organ toxicity - single exposure (Category 3)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Irritating to respiratory system and skin. Risk of serious damage to eyes.

Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram	
Signal word	Warning
Hazard statement(s)	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
Precautionary statement(s)	
P261	Avoid breathing dust.
P280	Wear protective gloves.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements	none

HMIS Classification

Health hazard: 2

Chronic Health Hazard: *

Flammability: 0

Physical hazards: 0

NFPA Rating

Health hazard: 2

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Ingestion May be harmful if swallowed.

Section 3 - Composition/Information on Ingredients

Formula: C₁₀H₁₁N₃O₃S
Molecular Weight: 253.28g/mol
CAS-No. 723-46-6

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Flash point:	not available
Ignition temperature:	not available
Lower explosion limit:	not available
Upper explosion limit:	not available
Water solubility:	not available
Other safety information	not available

Section 10 - Stability and Reactivity

Storage stability Stable under recommended storage conditions

Conditions to avoid Light

Materials to avoid Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO_x), Sulphur oxides

Other decomposition products - no data available

Section 11 - Toxicological Information

Acute toxicity

LD50 Oral - rat - 6.200 mg/kg

LD50 Oral - mouse - 2.300 mg/kg

LD50 Intraperitoneal - mouse - 2.300 mg/kg

Remarks: Behavioral: Somnolence (general depressed activity). Behavioral: Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration: Dyspnea.

LD50 Intravenous - mouse - 1.460 mg/kg

LD50 Subcutaneous - rat - > 5.000 mg/kg

LD50 Subcutaneous - mouse - > 5.000 mg/kg

Irritation and corrosion: not available

Sensitization: not available

Respiratory or skin sensitization: not available

Chronic exposure

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Sulfamethoxazole)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels

Potential health effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Section 12 - Ecological Information

Toxicity not available

Elimination information (persistence and degradability)

not available

Ecotoxicity effects: not available

Further information on ecology: not available

Section 13 - Disposal Considerations

Product Observe all federal, state, and local environmental regulations.

Contaminated packaging Dispose of as unused product.

Section 14- Transport Information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

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Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Section 16 - Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. A Chemtek shall not be held liable for any damage resulting from handling or from contact with the above product.