

# **Safety Data Sheet**

According to Regulation (EC) No 1272/2008 (CLP) and GHS

# **SDS summary**

Product category: ALP-conjugated antibody

Product code: 3310-4-1000, 3420-9A-1000, 3850-9A-1000, 3860-9A-1000, 3865-9A-1000, 3880-9A-1000

Component	Substance/Mixture	CAS No.	EC No.	Conc.	Hazard pictogram code	Hazard statements
Antibody - ALP	Kathon CG, contains a mixture of:	55965-84-9				
	5-chloro-2-methyl-4- isothiazolin-3-one	26172-55-4	247-500-7	<0.002 %	N/A	Not hazardous at this concentration
	2-Methyl-4- isothiazolin-3-one	2682-20-4	220-239-6	<0.002 %		

These products do not meet the classification criteria to be listed as hazardous material according to the Regulation (EC) No 1272/2008 (CLP) and GHS.

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

1.1 Product identifier

Product category: ALP-conjugated antibody

Component: Antibody - ALP Substance/Mixture: Kathon CG

1.2 Relevant identified uses and uses advised against

Recommended use: Laboratory chemical for research use only

Uses advised against: No information available

1.3 Supplier

Mabtech AB Box 1233,

SE 131 28 Nacka Strand, Sweden

Tel: +46 8 716 27 00

Email: mabtech@mabtech.com

1.4 Emergency telephone number

Contact your local emergency number.

### **SECTION 2: Hazards identification**

2.1 Classification of mixture

According to Regulation (EC) No 1272/2008 (CLP)

Not hazardous at this concentration.

<u>Hazard pictogram</u> <u>Signal word</u>

N/A N/A

**Precautionary statements** 

N/A

# **SECTION 3: Composition/information on ingredients**

# 3.1 <u>Description of the mixture</u>

Kathon CG contains a mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-4-isothiazolin-3-one.

# 3.2 Hazardous ingredients

Substance	CAS No.	EC No.	Conc.	Classification according to Regulation (EC) No 1272/2008 [CLP]
5-chloro-2- methyl-4- isothiazolin-3-one	26172-55-4	247-500-7	<0.002 %	Not hazardous at this concentration.
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### **SECTION 4: First aid measures**

# 4.1 <u>Description of first aid measures</u>

a) Following inhalation:

Move into fresh air. Seek medical attention for any breathing difficulty.

b) Following skin contact:

Wash with soap and plenty of water. Seek medical attention if irritation persists.

c) Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Seek medical attention if irritation persists.

d) Following ingestion:

Do not induce vomiting. Rinse mouth with water. Seek medical attention.

#### 4.2 Most important symptoms and effects

No information available.

# **SECTION 5: Firefighting measures**

5.1 General information

Not flammable or combustible.

5.2 Extinguishing media

No known restrictions; use any means suitable for nearby fire.

5.3 Special hazards arising from the substance or mixture

None in particular.

#### **SECTION 6: Accidental release measures**

6.1 <u>Personal precautions, protective equipment and emergency procedures</u> **Use gloves and good hygienic practices.** 

6.2 Environmental precautions

None in particular.

6.3 Methods and material for containment and cleaning up

Use paper towels to absorb the liquid.

### **SECTION 7: Handling and storage**

7.1 Precautions for safe handling

None in particular.

7.2 <u>Technical measures and storage conditions</u>

Store according to product specifications.

# **SECTION 8: Exposure controls/personal protection**

8.1 Exposure controls/personal protection

None in particular.

8.2 Personal protective equipment

a) Eye protection
 b) Hand protection
 c) Skin and body protection
 Recommended
 Recommended

d) Respiratory protection No specific requirements

Not determined

# **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties

a) Physical state at room temperatureb) AppearanceClear

c) Odour
 d) pH
 e) Melting/freezing point
 f) Boiling point/range
 g) Flash point
 h) Evaporation rate
 Minimal odour
 Not determined
 Not determined
 Not determined
 Not determined

j) Flammability in air
a) Upper flammability limit
b) Lower flammability limit
Not determined
Not determined

k) Vapour pressure

l) Vapour density

m) Relative density

Not determined

Not determined

Not determined

n) Water solubility Soluble

o) Solubility in other solvents
 p) Auto-ignition temperature
 q) Decomposition temperature
 r) Viscosity, kinematic
 s) Explosive properties
 Not determined
 Not determined
 Not determined

### **SECTION 10: Stability and reactivity**

i) Flammability (sold, gas)

10.1 Chemical stability

Stable under recommended use and storage conditions.

10.2 Possibility of hazardous reactions

No known hazardous reactions.

10.3 Conditions to avoid

Elevated temperature.

10.4 <u>Incompatible materials</u>

Oxidizing and reducing agents, amines and mercaptans.

10.5 Hazardous decomposition products

Not determined.

# **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

a) Acute toxicity:

Not determined.

b) Skin corrosion/irritation:

Not determined.

c) Eye damage/irritation:

Not determined.

d) Sensitization to the respiratory tract/skin:

#### Not determined.

e) Carcinogenicity:

No information available.

f) Reproductive toxicity:

No information available.

# **SECTION 12: Ecological information**

### 12.1 Toxicity

a) Aquatic toxicity:

Not determined.

b) Sediment toxicity:

Not determined.

c) Terrestrial toxicity:

Not determined.

### 12.2 Persistence and degradability

Not determined.

### 12.3 Bioaccumulative potential

Not determined.

12.4 Mobility in soil

Not determined.

# 12.5 Results of PBT and vPvB assessment

Not determined.

# 12.6 Other adverse effects

Not determined.

### **SECTION 13: Disposal considerations**

# 13.1 Waste treatment methods

a) Waste from residues or unused products:

Dispose the non-hazardous waste according to local regulations.

b) Packaging:

Empty container is not considered as hazardous waste.

### **SECTION 14: Transport information**

### 14.1 Transport hazard classes

a) ADR:

This product does not require a classification for transport.

b) IATA:

This product does not require a classification for transport.

c) DOT:

This product does not require a classification for transport.

# **SECTION 15: Regulatory information**

15.1 <u>Safety, health and environmental regulations/legislation specific for the substance or mixture</u> **No information available.** 

# 15.2 Chemical safety assessment

No information available.

# **SECTION 16: Other information**

The information in this SDS is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The product is supplied for research use only. Mabtech shall not be liable for the use or handling of the product or for consequential, special, indirect or incidental damage therefrom.

### **END of SDS**