

Solution 2 - Propidium Iodide

SAFETY DATA SHEET

Safety Data Sheet according to (EC) No. 1907/2006.

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation:

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Use of the substance/preparation:

Aqueous preparation for research and analysis.

Company/undertaking identification:

ChemoMetec A/S

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2. Hazards identification

ALTox a/s has concluded that the preparation is not to be classified.

Classification:

-

3. Composition/Information on ingredients

Contents: Phosphate buffered saline and various active ingredients below classification limit

% w/w	Name	CAS-no.	EINECS/ELINCS	Classification
<0.1	Propidium Iodide	25535-16-4	247-081-0	*
0.1	Triton X-100	9002-93-1	-	*

* Classification is not relevant, because the ingredients are well below the classification limit.

4. First aid measures

Inhalation:

Move the affected person to fresh air. Keep at rest. If needed: Get medical attention.

Skin contact:

Remove contaminated clothing and wash skin with water and mild soap. If irritation persists: Seek medical advice.

Eye contact:

Flush with water or physiological salt water for at least 5 minutes. If irritation persists: Seek medical advice.

Ingestion:

Rinse mouth and drink plenty of water. In case of discomfort: Seek medical advice.

Information:

Show this Safety Data Sheet to a physician or emergency ward.

5. Fire-fighting measures

Precautions against fire:

Not flammable.

Suitable extinguishing media:

Not relevant.

Hazardous combustion or decomposition products:

Not relevant.

Protective equipment:

Not relevant.

6. Accidental release measures

Personal precautions:

Use personal protective equipment - see section 8.

Environmental precautions:

Do not empty into drains - see section 12. Inform appropriate authorities in accordance with local regulations.

Methods for cleaning up:

Take up with wet paper. Clean with water. Further handling of spillage - see section 13.

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7. Handling and storage

Safe storage:

Store in an airtight container at a temperature between 2-7°C.

Specific use(s):

See section 1.

8. Exposure controls/personal protection

Engineering measures (prevention of worker exposure):

Provide adequate ventilation. Avoid contact with skin, eyes and clothing. Wash with plenty of water and soap after end use.

Exposure limits (Denmark):

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Personal protective equipment:**Respiratory protection:**

Normally not necessary

Skin protection:

Wear protective gloves of nitril or butyl rubber. Breakthrough time: Approximately 3 hours.

Eye protection:

Wear safety goggles when risk of eye contact.

Environmental exposure controls:

-

9. Physical and chemical properties

Appearance:	Red liquid
Odour:	Odourless
pH:	~ 7,4
Boiling point (°C):	~ 100
Melting point (°C):	~ 0
Solubility in water (mg/ml):	Completely miscible
Specific density (g/cm³) 20°C:	~ 1.0

10. Stability and reactivity

Stability:

Stable under the recommended storage conditions (see section 7).

Conditions to avoid:

Excessive heating

Materials to avoid:

-

Hazardous decomposition products:

When heated to high temperatures (decomposition) it emits toxic fumes.

11. Toxicological information

Routes of exposure:

Skin, lungs and gastrointestinal tract.

Acute toxicity:**Inhalation:**

Vapours may cause slight irritation to the airways.

Skin:

May causes slight irritation.

Eyes:

May causes slight irritation.

Ingestion:

Ingestion may irritate the mouth, throat and stomach.

Long term toxicity:

-

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12. Ecological information

Ecotoxicity:

-

Mobility:

Completely miscible with water and will spread quickly in the aquatic environment.

Persistence and degradability:

-

Bioaccumulative potential:

-

Other adverse effects:

-

13. Disposal considerations

Disposal should be according to local, state or national legislation. Dispose of through authority facilities or pass to chemical disposal company.

EWC-Code:

16 05 09

15 02 03 (absorbents, filter materials, wiping cloths, protective clothing contaminated by dangerous substances)

14. Transport information

Not dangerous goods.

15. Regulatory information

EC-no.: -

Danger symbol: -

Content: -

Risk- and Safety-phrases:

ALTox a/s has the 19 June 2009 concluded, that the preparation is not to be classified.

This Safety Data Sheet is intended as a service to customers/users of this product.

Restriction on application:

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16. Other information

R-phrases mentioned in section 2 & 3:

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Special training:

No special training is required. However, the user should be well instructed in the execution of his task and be familiar with this safety data sheet.

Other information:

The Safety Data Sheet is prepared according to REACH regulation (EC) No. 1907/2006.

Edition No.:

1

Date (revision):

19 June 2009

Changes in section(s):

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