



MODERNWATER

MICROTOX CTM BRINE SOLUTION SAFETY DATA SHEET

Issue Date: 09/11/2014

Version number: 1

Supersedes/Cancel: N/A

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Microtox CTM Brine Solution.

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

For use in Microtox CTM.

1.3 Details of the supplier of the substance or mixture

Modern Water, Inc.

15 Reads Way, Suite 100

New Castle, DE 19720

Phone: (302) 669-6900

1.4 Emergency Telephone

Please call (302) 669-6900 or (855) 637-6426

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture [CLP classification]

Clear liquid at room temperature and normal pressures.

2.2 Label elements

None.

2.3 Other hazard information:

Non-hazardous.

3 INFORMATION ON THE INGREDIENTS

3.2 Mixtures

Component	CAS No.	Composition	Hazardous Characteristics
Sodium chloride	7647-14-5	25%	No flammability, toxicity or reactivity.
Water	7732-18-5	75%	None.

4 FIRST AID MEASURES

4.1 Description of first aid measures

Wash hands with soap and water if brine solution gets in contact with skin.

4.2 Most important symptoms and effects, both acute and delayed

Should only aggravate high blood pressure if ingested.

4.3 Indication of immediate medical attention and special treatment needed

Seek medical attention if a dramatic rise in blood pressure is observed.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

None.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Special protective actions for firefighters

None.

6 ACCIDENTAL RELEASE OF MATERIAL

6.1 Personal precautions, protective equipment and emergency procedures

Safety glasses, gloves (latex or nitrile acceptable) recommended but not required.

6.2 Environmental Precautions

None.

6.3 Methods and material for containment and cleaning up

Same basic consistency as sea water. So disposal down a sink or sewer is fine UNLESS local or national ordinances do not allow it.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

None.

7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature. Freezing is not recommended.

7.3 Specific end uses

Apart from the uses mentioned in section 1.2, no other specific uses are validated.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

None.

8.2 Exposure controls

Using safety glasses and gloves (latex or nitrile) recommended but not required.

8.3 Environmental exposure controls

Don't expose to any chemical that is reactive towards water or sodium chloride itself.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Liquid at room temperature.

9.2 Other information

None

10 STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions of temperature, ventilation and atmospheric pressures.

10.2 Chemical stability

Stable under normal conditions of temperature, ventilation and atmospheric pressures.

10.3 Possibility of hazardous reactions

Do not expose to anything reactive towards water or sodium chloride.

10.4 Conditions to Avoid

Still avoid exposure to high oxidizers, acids, bases or other reactive materials.

10.5 Incompatible materials

Anything reactive towards water or sodium chloride.

10.6 Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

None.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

None.

12.2 Persistence and degradability

None.

12.3 Bioaccumulative potential

Not tested.

12.4 Mobility in soil

Yes.

12.5. Results of PBT and vPvB assessment

Not tested.

12.6. Other adverse effects

None.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Save and dispose in accordance with local and national laws. Storing in metal, glass or plastic is acceptable.

14. TRANSPORT INFORMATION**14.1 UN Number**

None

14.2 UN Proper Shipping Name

None

14.3 Transport hazard class(es)

None

14.4 Packing group

None

14.5 Environmental hazards

None

14.6 Special precautions for user

None.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not required.

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Non-hazardous, non-toxic.

15.2 Chemical safety assessment

Non-hazardous, non-toxic

16. OTHER INFORMATION

None.