

Water

MSDS Number: W0600 --- Effective Date: 11/17/99

1. Product Identification

Synonyms: Dihydrogen Oxide

CAS No.: 7732-18-5

Molecular Weight: 18

Chemical Formula: H₂O

Product Codes:

J.T. Baker: 4218, 4219, 6906

Mallinckrodt: 6795, H453, V564

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Water	7732-18-5	100%	No

3. Hazards Identification

Emergency Overview

Not applicable.

J.T. Baker SAF-T-DATA^(tm) Ratings (Provided here for your convenience)

Health Rating: 0 - None

Flammability Rating: 0 - None

Reactivity Rating: 1 - Slight

Contact Rating: 0 - None

Lab Protective Equip: GOGGLES; LAB COAT

Storage Color Code: Orange (General Storage)

Potential Health Effects

Water is non-hazardous.

Inhalation:

Not applicable.

Ingestion:

Not applicable.

Skin Contact:

Not applicable.

Eye Contact:

Not applicable.

Chronic Exposure:

Not applicable.

Aggravation of Pre-existing Conditions:

Not applicable.

4. First Aid Measures

Inhalation:

Not applicable.

Ingestion:

Not applicable.

Skin Contact:

Not applicable.

Eye Contact:

Not applicable.

5. Fire Fighting Measures

Fire:

Not applicable.

Explosion:

Not applicable.

Fire Extinguishing Media:

Use extinguishing media appropriate for surrounding fire.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Non-hazardous material. Clean up of spills requires no special equipment or procedures.

7. Handling and Storage

Keep container tightly closed. Suitable for any general chemical storage area. Protect from freezing. Water is considered a non-regulated product, but may react vigorously with some specific materials. Avoid contact with all materials until investigation shows substance is compatible.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

Not applicable.

Ventilation System:

Not applicable.

Personal Respirators (NIOSH Approved):

Not applicable.

Skin Protection:

None required.
Eye Protection:
 None required.

9. Physical and Chemical Properties

Appearance:
 Clear, colorless liquid.
Odor:
 Odorless.
Solubility:
 Complete (100%)
Specific Gravity:
 1.00
pH:
 7.0
% Volatiles by volume @ 21C (70F):
 100
Boiling Point:
 100C (212F)
Melting Point:
 0C (32F)
Vapor Density (Air=1):
 Not applicable.
Vapor Pressure (mm Hg):
 17.5 @ 20C (68F)
Evaporation Rate (BuAc=1):
 No information found.

10. Stability and Reactivity

Stability:
 Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:
 Not applicable.
Hazardous Polymerization:
 Will not occur.
Incompatibilities:
 Strong reducing agents, acid chlorides, phosphorus trichloride, phosphorus pentachloride, phosphorus oxychloride.
Conditions to Avoid:
 No information found.

11. Toxicological Information

Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
Water (7732-18-5)	No	No	None

12. Ecological Information

Environmental Fate:

Not applicable.

Environmental Toxicity:

Not applicable.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be flushed to sewer. If material becomes contaminated during use, dispose of accordingly. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not regulated.

15. Regulatory Information

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-----\Chemical Inventory Status - Part 1\-----
Ingredient                                TSCA  EC   Japan  Australia
-----
Water (7732-18-5)                        Yes  Yes  Yes    Yes
-----\Chemical Inventory Status - Part 2\-----
                                           --Canada--
Ingredient                                Korea DSL  NDSL  Phil.
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Water (7732-18-5)                        Yes  Yes  No     Yes
-----\Federal, State & International Regulations - Part 1\-----
                                           -SARA 302-   -----SARA 313-----
Ingredient                                RQ   TPQ   List  Chemical Catg.
-----
Water (7732-18-5)                        No   No    No     No
-----\Federal, State & International Regulations - Part 2\-----
                                           -RCRA-      -TSCA-
Ingredient                                CERCLA      261.33     8 (d)
-----
Water (7732-18-5)                        No          No         No
Chemical Weapons Convention:  No      TSCA 12 (b):  No      CDTA:  No
SARA 311/312:  Acute:  No      Chronic:  No      Fire:  No      Pressure:  No
    
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Reactivity: No (Pure / Liquid)

Australian Hazchem Code: No information found.

Poison Schedule: No information found.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 0 Flammability: 0 Reactivity: 0

Label Hazard Warning:

Not applicable.

Label Precautions:

Keep in tightly closed container.

Label First Aid:

Not applicable.

Product Use:

Laboratory Reagent.

Revision Information:

No changes.

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