

Burdick & Jackson

Material Safety Data Sheet

Water

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Water
OTHER/GENERIC NAMES:
PRODUCT USE: Solvent, Cleaning Agent
MANUFACTURER: Honeywell, Burdick & Jackson
1953 South Harvey Street
Muskegon, MI 49442

FOR MORE INFORMATION CALL:
(Monday-Friday, 8:00am-5:00pm)
1-800-368-0050

IN CASE OF EMERGENCY CALL:
(24 Hours/Day, 7 Days/Week)
1-800-707-4555 or Chemtrec 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
Water	7732-18-5	100

Trace impurities and additional material names not listed above may also appear in Section 15 toward the end of the MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This material is not hazardous under normal handling and storage conditions. When heated to boiling, steam and liquid contact can cause burns to skin and mucous membranes. Not for medical or pyrogen-free use. Not intended for human consumption.

POTENTIAL HEALTH HAZARDS

SKIN: Prolonged exposure may cause dryness

EYES: May cause tearing and blurred vision.

INHALATION: Inhalation of liquid or vapor can cause shortness of breath, and in extreme deluge circumstances, drowning may occur.

INGESTION: While this material is not reported, or expected to be specifically toxic, ingestion may cause other toxins to be introduced (carried) into the body. Do not drink!

DELAYED EFFECTS: Prolonged exposure to liquid or vapor may lead to symptoms of pneumonia.

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Ingredients found on one of the OSHA designated carcinogen lists are listed below.

<u>INGREDIENT NAME</u>	<u>NTP STATUS</u>	<u>IARC STATUS</u>	<u>OSHA LIST</u>
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No ingredients listed in this section.

4. FIRST AID MEASURES

SKIN: Wash affected area with mild soap and water and rinse area until no evidence of chemical remains.

EYES: Rinse eyes with plenty of water or normal saline solution for at least 15 minutes

INHALATION: Remove from exposure area to fresh air. If victim is not breathing administer artificial respiration according to your level of training and obtain professional medical assistance immediately

INGESTION: Do not induce vomiting unless instructed to do so by a physician.

ADVICE TO PHYSICIAN: No specific antidote. Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT:	Not applicable
FLASH POINT METHOD:	Not applicable
AUTOIGNITION TEMPERATURE:	Not applicable
UPPER FLAME LIMIT (volume % in air):	Not applicable
LOWER FLAME LIMIT (volume % in air):	Not applicable
FLAME PROPAGATION RATE (solids):	Not applicable
OSHA FLAMMABILITY CLASS:	Not applicable

EXTINGUISHING MEDIA:

Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers may pressurize and explode under fire conditions.

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:

Water spray will not be effective as a fire fighting agent, but may be useful in cooling containers or structure components that are adjacent to involved material.

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6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASE: (Always wear recommended personal protective equipment.) Isolate the spill area. Stop leak in a safe and practical manner. (If leak cannot be stopped easily and safely, advise trained emergency response personnel of the situation.) Using inert material (such as ground corncobs) dike the spilled solvent to prevent it from running into drains or waterways, so as not to carry other harmful material that may be present in spill area to waterways.

Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements.

7. HANDLING AND STORAGE

NORMAL HANDLING: (Always wear recommended personal protective equipment.)
Keep container closed.
Protective gloves and apron are recommended.

STORAGE RECOMMENDATIONS:
Protect from temperature extremes and sunlight, and store away from incompatible substances.. Avoid acids, bases, oxidizers, and explosives.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
Provide general or local exhaust ventilation systems as appropriate. (Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

PERSONAL PROTECTIVE EQUIPMENT**SKIN PROTECTION:**

Where liquid contact is possible impervious coveralls are recommended. To minimize the possibility in other handling and storage operations, wear appropriate PPE to include chemical resistant gloves, boots and apron.

EYE PROTECTION:

Wear protective eyeglasses (with side shields), chemical goggles alone or in conjunction with full face shield. Follow OSHA regulation 29CFR 1910.133. (Contact lenses are not protective devices.)

RESPIRATORY PROTECTION:

Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

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This material should be used in close proximity to eyewash station and safety shower. Use appropriate personal hygiene after handling this material. Do not smoke in the vicinity of flammable materials.

EXPOSURE GUIDELINES**INGREDIENT NAME****ACGIH TLV****OSHA PEL****OTHER LIMIT**

No ingredients listed in this section.

* = Limit established by Honeywell International, Inc.

** = Workplace Environmental Exposure Level (AIHA).

*** = Biological Exposure Index (ACGIH).

OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Colorless
PHYSICAL STATE:	Liquid (Clear)
MOLECULAR WEIGHT:	18.02
CHEMICAL FORMULA:	H ₂ O
ODOR:	Odorless
SPECIFIC GRAVITY (water = 1.0):	0.9982 g/ml @ 20 °
SOLUBILITY IN WATER (weight %):	Not Applicable
pH:	~7.0
BOILING POINT:	100°C (212°F)
MELTING POINT:	0°C (32°F)
VAPOR PRESSURE:	17.54 Torr @ 20°C
VAPOR DENSITY (air = 1.0):	0.46
EVAPORATION RATE:	Not Determined
% VOLATILES:	Not Applicable
FLASH POINT:	Not Applicable

(Flash point method and additional flammability data are found in Section 5.)

10. STABILITY AND REACTIVITY**NORMALLY STABLE? (CONDITIONS TO AVOID):**

Stable at room temperatures in closed containers under normal and recommended storage and use conditions.

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INCOMPATIBILITIES:

Organometallics such as phosphorous and sodium metal, strong oxidizers, alkalis and acids.

CONDITIONS TO AVOID:

Avoid freezing conditions. Overheated containers can rupture violently and be propelled great distances in a fire situation.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Not expected to occur.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS:

Not determined

DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:

None determined

OTHER DATA:

None

12. ECOLOGICAL INFORMATION

Insufficient Data

13. DISPOSAL CONSIDERATIONS

RCRA

Is the unused product a RCRA hazardous waste if discarded? NO

If yes, the RCRA ID number is:

OTHER DISPOSAL CONSIDERATIONS:

Dispose of material in accordance with all applicable local, state, and federal regulations.

The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

14. TRANSPORT INFORMATION

US DOT PROPER SHIPPING NAME:

Not Applicable

US DOT HAZARD CLASS:

Not Applicable

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US DOT ID NUMBER: Not Applicable
US DOT PACKING GROUP: Not Applicable
NA EMERGENCY RESPONSE GUIDE: Not Applicable

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

15. REGULATORY INFORMATION**TOXIC SUBSTANCES CONTROL ACT (TSCA)**

TSCA INVENTORY STATUS: Not Applicable

OTHER TSCA ISSUES: None

SARA TITLE III/CERCLA

"Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs) exist for the following ingredients.

<u>INGREDIENT NAME</u>	<u>SARA/CERCLA RQ (lb)</u>	<u>SARA EHS TPQ (lb)</u>
No ingredients listed in this section.		

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

SECTION 311 HAZARD CLASS: None

SARA 313 TOXIC CHEMICALS:

The following ingredients are SARA 313 "Toxic Chemicals". CAS numbers and weight percents are found in Section 2.

<u>INGREDIENT NAME</u>	<u>COMMENT</u>
No ingredients listed in this section	

STATE RIGHT-TO-KNOW

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

<u>INGREDIENT NAME</u>	<u>WEIGHT %</u>	<u>COMMENT</u>
No ingredients listed in this section		

ADDITIONAL REGULATORY INFORMATION:

None

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WHMIS CLASSIFICATION (CANADA):

FOREIGN INVENTORY STATUS:

16. OTHER INFORMATION

CURRENT ISSUE DATE: June, 2000

PREVIOUS ISSUE DATE: April, 1996, January, 2000

CHANGES TO MSDS FROM PREVIOUS ISSUE DATE ARE DUE TO THE FOLLOWING:

Update to ANSI Standard. New header and footer information.

OTHER INFORMATION:

NFPA Classification

Health:	0
Flammability:	0
Reactivity:	0