

**COMPONENT DESIGN NORTHWEST, INC.  
SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION**

**Product Identifier:**

**Trade Name:** Thermometer Probe Wipes  
**Product Code:** PW70, PW200  
**SDS Date of Preparation:** 8/20/15

**Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

**Product Use:** Used to sanitize thermometer stems.  
**Uses Advised Against:** None known

**Details of the Supplier of the Safety Data Sheet:**

**Manufacturer:** CDN-Component Design Northwest, Inc.  
 2355 NW Vaughn St.  
 Portland, OR 97210  
**Information Phone Number:** 800-338-5594  
**Emergency Telephone Number:** 503-225-0900

**SECTION 2: HAZARD(S) IDENTIFICATION**

This product is a colorless liquid with a characteristic odor impregnated on a lint free wet strength paper in a plastic canister or non-woven fabric wrapped in foil. There is a small amount of liquid on the paper and fabric and no free liquid in the packages. In the US, this product is packaged for the consumer market under 16 CR 1500.83 (exemptions for small packages, minor and special circumstances).

**GHS Classification:**

Physical	Health
Not Classified	Eye Irritant Category 2 Specific Target Organ Toxicity –Single Exposure Category 3 (Narcotic Effects)

**Label Elements:**

Warning!



**Hazard Phrases**

Causes serious eye irritation.
May cause drowsiness or dizziness.

**Precautionary Phrases**

Avoid breathing vapors.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor if you feel unwell.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents and container in accordance with local and national regulations.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Concentration
Isopropanol	67-63-0	65-75
Water	7732-18-5	25-35

The exact concentration is being withheld as a trade secret.

See Section 16 for further information on GHS Classification.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures:

**Eye:** If contact occurs, immediately flush eyes with water for 15 minutes, while holding the eye lids open to be sure the material is washed out. Get medical attention if irritation persists.

**Skin:** No first aid should be required. If skin irritation develops, discontinue use and seek medical attention.

**Inhalation:** If symptoms develop move to fresh air. Get medical attention if irritation or other symptoms persist.

**Ingestion:** Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

**Most Important Symptoms and Effects, Both Acute and Delayed:** Direct contact may cause moderate eye irritation. Prolonged skin contact may cause dryness and irritation. Inhalation causes drowsiness and dizziness and other central nervous system effects.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** Immediate medical attention is not required

### SECTION 5: FIRE-FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use water fog, carbon dioxide, or dry chemical.

**Special Hazards Arising from the Substance or Mixture:** Product will burn under fire conditions. Alcohol saturant may ignite if exposed to flame or hot surfaces when damp. Keep away from sparks, flame and hot surface. Thermal decomposition or combustion products include oxides of the carbon.

#### Special Protective Equipment and Precautions for Fire-Fighters:

Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces. Cool fire exposed containers with water.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** None required.

**Methods and Materials for Containment and Cleaning Up:** Pick up wipe and place into an appropriate container for disposal. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded. Report spill as required by local and federal regulations.

### SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid eye and prolonged skin contact. Avoid breathing vapors. Use with adequate ventilation. Do not smoke when handling. Wash hands with soap and water after use.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, dry location away from incompatible materials. Avoid excessive heat and flames.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines:

Chemical Name	Exposure Limits
Isopropanol	200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL

Water	None Established
-------	------------------

**Appropriate Engineering Controls:**

**Ventilation:** General ventilation is adequate under normal conditions of use.

**Personal Protective Equipment:**

**Respiratory Protection:** None should be needed for normal use.

**Skin Protection:** None required.

**Eye Protection:** None required during the normal use of this product.

**Other Protective Equipment:** None required.

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>
--

<b>Appearance:</b> Clear liquid impregnated on a lint free wet strength paper or non-woven fabric.	<b>Flammable Limits:</b> LEL: No data available UEL: No data available
<b>Odor:</b> Alcohol odor	<b>Vapor Pressure:</b> 45.4 mmHg @ 77°F (25°C) (isopropanol)
<b>Odor Threshold:</b> No data available	<b>Vapor Density:</b> 2.1 (isopropanol)
<b>pH:</b> No data available	<b>Relative Density:</b> No data available
<b>Melting Point/Freezing Point:</b> -126.22°F (-87.9°C) (isopropanol)	<b>Solubility (ies):</b> Saturant - infinite
<b>Initial Boiling Point/Range:</b> Not available	<b>Partition Coefficient (n-Octanol/Water):</b> No data available
<b>Flash Point:</b> 54°F (12°C) (isopropanol)	<b>Auto-ignition Temperature:</b> No data available
<b>Evaporation Rate:</b> 1.7 (n-butyl acetate =1)	<b>Decomposition Temperature:</b> No data available
<b>Flammability (solid, gas):</b> Not applicable	<b>Viscosity:</b> Not applicable

<b>SECTION 10: STABILITY AND REACTIVITY</b>
---

**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Keep away from heat, sparks, and open flames.

**Incompatible Materials:** Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids, and isocyanates.

**Hazardous Decomposition Products:** Thermal decomposition will produce oxides of the carbon.

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>
--

**Potential Health Effects:**

**Eye:** Direct contact with the liquid may cause moderate eye irritation with redness, tearing, and stinging.

**Skin:** Prolonged skin contact may cause irritation, drying, and dermatitis.

**Inhalation:** Inhalation of vapors may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness, drowsiness, or confusion.

**Ingestion:** This product contains only a small amount of liquid. No adverse effects are expected.

**Chronic Hazards:** None known.

**Acute Toxicity Values:**

Isopropanol: Oral rat LD50: 4,710 mg/kg, Inhalation rat LC50: 72.6 mg/L/4hr, Skin rabbit LD50 12,870 mg/kg

**Sensitization:** This product is not expected to cause sensitization.

**Germ Cell Mutagenicity:** Isopropanol: In an in-vivo study, isopropanol did not induce micronuclei in bone marrow of mice. Studies conducted in mammalian cells in vitro, it did not induce sister chromatid exchanges or gene mutations. Isopropanol did not induce aneuploidy in Neurospora crassa study. It was not mutagenic to bacteria

**Carcinogenicity:** None of the components of this product are listed as carcinogens by OSHA, IARC, and NTP.

**Reproductive Toxicity:** Isopropanol: Isopropyl alcohol was given continuously in drinking water in doses of 1.5, 1.4, & 1.3 g/kg body wt/day to parents and to two successive generations of rats, respectively. Neither growth, reproductive function nor embryonic or postnatal developments were affected, except for some retardation of growth early in life of first generation rats.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

Isopropanol: 96 hr LC50 Fathead Minnows: 9,640 mg/L; 48 hr LC50 Brown shrimp: 1400 mg/L

This product contains small amounts of liquid on the wipes and no free liquid in the package. No adverse effects on the aquatic environment are expected.

**Persistence and Degradability:** Isopropanol: Readily biodegradable.

**Bioaccumulative Potential:** Isopropanol: Not expected to bio accumulate.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

Discard used product in an appropriate container. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded. Discard empty packaging in trash. Dispose in accordance with all local, state and federal regulations.

## SECTION 14: TRANSPORTATION INFORMATION

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	None	Not Regulated (49 CFR 172.102 Special Provision 47)	None	None	Not applicable
Canadian TDG	None	Not Regulated (Special Provision 56)	None	None	Not applicable
IMDG	None	Not Regulated (Special Provision 216)	None	None	Not applicable
IATA/ICAO	None	Not Regulated (Special Provision A46)	None	None	Not applicable

**Special Precautions for User:** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

## SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS:**

**CERCLA 103 Reportable Quantity:** This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** Acute Health

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

**Section 302 Extremely Hazardous Substances (TPQ):** None

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components in this product are listed on the TSCA inventory.

**STATE REGULATIONS:**

**California Proposition 65:** This product does not contain substances known in the State of California to cause cancer and/or reproductive harm.

**INTERNATIONAL REGULATIONS:**

**CANADIAN REGULATIONS**

**Canadian Environmental Protection Act:** All of the components in this product are listed on the Domestic Substances list (DSL).

<b>SECTION 16: OTHER INFORMATION</b>
--------------------------------------

<b>HMIS Ratings:</b> Health -2	Flammability - 1	Physical Hazard - 0
<b>NFPA Ratings:</b> Health -2	Flammability - 1	Instability - 0

**Date of Current Revision:** 8/20/15  
**Revision Summary:** New SDS  
**Date of Previous Revision:** None

=====

The data and recommendations presented herein are considered to be current and accurate. However, Component Design Northwest, Inc. makes no guarantee or warranty either expressed or implied, of the accuracy or completeness of the information, and assumes no liability whatsoever for any loss, damage or injury of any kind which may result from or arise out of the use or reliance on the information by any person.