

Revision date: December 8th, 2022

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**

- 1.1 Product Identifier**  
Trade Name: Wet Towel
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**  
Product Use: Saturated cleaning wipes for consumer use.
- 1.3 Details of the Supplier of the Safety Data Sheet**  
 Manufacturer: Mercantile Development, Inc.  
 10 Waterview Dr.  
 Shelton, CT 06484  
 Information Phone Number: +1 1-800-333-0900  
 E-mail:  
 Poison Center:
- 1.4 Emergency Telephone Number**  
 Emergency Spill Information: +1 1-800-333-0900

SDS Date of Preparation: December 7, 2022

**SECTION 2: HAZARDS IDENTIFICATION**

This product is a clear liquid with a slight alcohol odor impregnated on a cellulose wipe. There is a small amount of liquid on the wipes and no free liquid in the packages.

**2.1 Classification of the Substance or Mixture**

Physical:	Health:	Environmental
Flammable Liquid Category 3 (H226)	Eye Irritation Category 2A (H319) Specific Target Organ Toxicity – Single Exposure Category 3 (H336)	None

**2.2 Label Elements**



Warning!

Contains propan-2-ol

Hazard Phrases

H226	Flammable liquid and vapor.
H319	Causes serious eye irritation.
H336	May cause drowsiness and dizziness.

Precautionary Phrases

P101	If medical advice is needed, have a product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
P261	Avoid breathing vapors.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

### 2.3 Other Hazards: None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical Name	CAS#	EINECS#	GHS Classification Regulation (EC) No 1272/2008	%
Isopropanol (propan-2-ol)	67-63-0	200-661-7	Flamm. Liq. 2 (H225), Eye Irrit. 2 (H319), STOT SE 3 (H336)	25%

See Section 16 for further information on GHS Classification.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of First Aid Measures

**Eye Contact:** If contact occurs, immediately flush eyes with water for several minutes, 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 persists or other symptoms persist.

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

**4.2 Most important symptoms and effects, both acute and delayed:** Eye irritation may occur if wipe or liquid directly contacts the eyes. Inhalation of high concentrations of vapours may cause CNS effects with drowsiness or dizziness.

**4.3 Indication of any immediate medical attention and special treatment needed:** None required.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

Use water fog, carbon dioxide, or dry chemical.

### 5.2 Special Hazards Arising from the Substance or Mixture

**Unusual Fire and Explosion Hazards:** 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.

**Hazardous Decomposition Products:** Combustion may produce oxides of carbon.

### 5.3 Advice for Firefighters:

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

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

If large number of packages are damaged, ventilate the area.

### 6.2 Environmental Precautions:

Report spill as required by local and federal regulations.

### 6.3 Methods and Material 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.

### 6.4 Reference to Other Sections:

Refer to Section 8 for protective equipment and Section 15 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling:

Avoid contact with the eyes. Avoid breathing vapours. Do not smoke when handling.

### 7.2 Conditions for Safe Storage, Including any Incompatibilities:

Avoid excessive heat and flames.

### 7.3 Specific end use(s):

Automobile Windshield Cleaning.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

Chemical Name	Exposure Limits	Biological Limit Value
Isopropanol	400 ppm OSHA PEL 200 ppm TWA ACGIH TLV, 400 ppm STEL 200 ppm TWA DFG MAK 400 ppm TWA UK WEL, 500 ppm STEL UK WEL 400 ppm TWA AU OEL, 500 ppm STEL AU OEL	None Established

DNEL: None Established

PNEC: None Established

Refer to local regulations if exposure limits are not listed above.

### 8.2 Exposure Controls

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

**Respiratory Protection:** None required for normal use.

**Skin Protection:** None required.

**Eye Protection:** None required.

**Other:** None required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic Physical and Chemical Properties

<b>Physical State:</b> Liquid on solid wipe	<b>Color:</b> Clear, colorless liquid on white wipe
<b>Odor:</b> Alcohol odor.	<b>Odor Threshold:</b> No data available
<b>Solubility in water:</b> Saturant - infinite	<b>Boiling Point/Range:</b> 180°F (82.2°C)
<b>Melting Point/Freezing Point/Range:</b> 20°F (-7°C) (saturant)	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>pH:</b> Not available	<b>Vapor Density:</b> 2.1 (isopropanol)
<b>Relative Density:</b> 1.003	<b>Vapor Pressure:</b> 33 mmHg @ 20°C
<b>Evaporation Rate:</b> 0.998 (butyl acetate =1)	<b>Flammability (liquid):</b> Flammable liquid and vapor
<b>Flammability (solid/gas):</b> Not applicable	<b>Flash Point:</b> 85°F (29°C) (isopropanol)
<b>Explosive Limits:</b> Not available	<b>Autoignition Temperature:</b> 750°F (399°C)
<b>Decomposition Temperature:</b> Not available	<b>Kinematic Viscosity:</b> Not available
<b>Particle Characteristics:</b> Not applicable	

### 9.2 Other Information:

<b>Explosion Properties:</b> Not explosive	<b>Oxidizing Properties:</b> Not oxidizing
<b>Percent Volatile:</b> No data available	<b>Release of Invisible Vapours and Gases:</b> Yes
<b>VOC Content :</b> No data available	

## SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:**  
Not reactive under normal conditions of use.
- 10.2 Chemical Stability:**  
Stable under normal storage and handling conditions.
- 10.3 Possibility of Hazardous Reactions:**  
None known.
- 10.4 Conditions to Avoid:**  
Avoid heat, sparks, and open flames.
- 10.5 Incompatible Materials:**  
Avoid oxidizing agents, aldehydes, chlorine, ethylene oxide, acids, and isocyanates.
- 10.6 Hazardous Decomposition Products:**  
Thermal decomposition may produce carbon oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on Toxicological Effects**  
**Eye:** Direct contact with the liquid may cause 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.

### Acute Toxicity Values:

Isopropanol: Oral rat LD50 5,045 mg/kg; inhalation rat LC50 16,000 ppm/8 hr; Skin rabbit LD50 12,800 mg/kg

**Irritation:** Classification is based on ingredients. Isopropanol is an eye irritant.

**Corrosivity:** Based on available data, the classification criteria are not met.

**Sensitization:** Based on available data, the classification criteria are not met.

**Repeat Dose Toxicity:** F344 rat and CD-1 mice were exposed to 0, 100, 500, 1500, or 5000 ppm isopropanol for 13 weeks. Signs of narcosis were observed in the 5000- ppm isopropanol groups only. Increased body weight and/or body weights gain were observed for rats of the 1500- and 5000-ppm groups as well as female mice of the 5000-ppm group compared to control animals. Changes to food and water consumption generally corresponded to changes in body weight. Increased relative liver weights for both sexes of rats and female mice of the 5000-ppm group and increased size and frequency of hyaline droplets within the kidneys of exposed male rats were observed.

**Carcinogen Status:** None of the components are listed as a carcinogen by IARC, NTP, OSHA or EU CLP.

**Germ Cell Mutagenicity:** 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

**Toxicity for Reproduction:** 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 development were affected, except for some retardation of growth early in life of first generation rats.

**Specific Target Organ Toxicity (Single and Repeated Exposure):** Based on available data, the classification criteria are not met.

**Aspiration Toxicity:** Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards:

**11.2.1 Endocrine disrupting properties:** Based on available data, the classification criteria are not met.

**11.2.2 Other Information:** None.

## SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity:**  
This product contains less than 3 grams of liquid on the wipes and no free liquid in the package. No adverse effects on the aquatic environment are expected.  
Isopropanol: 96 hr LC50 fathead minnows 6,120 mg/L; 48 hr LC50 brown shrimp 1400 mg/L
- 12.2 Persistence and Degradability:**  
Isopropanol: Readily biodegradable.
- 12.3 Bioaccumulative Potential:**  
Not expected to bioaccumulate.
- 12.4 Mobility in Soil:**  
No data available.
- 12.5 Results of PBT and vPvB Assessment:**  
Not required.
- 12.6 Endocrine Disrupting Properties:**  
Based on available data, the classification criteria are not met.

## SECTION 13: DISPOSAL INFORMATION

- 13.1 Waste Treatment Methods:**  
**Safe Handling and Disposal Method:** 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.  
**Disposal of Contaminated Packaging:** Discard empty packaging in trash.  
**Environmental Regulations:** Dispose in accordance with all local, state and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

	<b>14.1 UN Number</b>	<b>14.2 UN Proper Shipping Name</b>	<b>14.3 Transport Hazard Class(s)</b>	<b>14.4 Packing Group</b>	<b>14.5 Environmental Hazards</b>
<b>US DOT</b>	UN3175	Solids containing flammable liquid, n.o.s. (contains isopropanol)	4.1	II	No
<b>EU ADR/RID</b>	UN3175	Solids containing flammable liquid, n.o.s. (contains isopropanol)	4.1	II	No
<b>IMDG</b>	UN3175	Solids containing flammable liquid, n.o.s. (contains isopropanol)	4.1	II	No
<b>ICAO</b>	UN3175	Solids containing flammable liquid, n.o.s. (contains isopropanol)	4.1	II	No

**Note:** These product may be eligible for transport as a limited quantity.

- 14.6 Special Precautions for User:**  
None
- 14.7 Transport in Bulk According to IMO Instruments:**  
Not applicable

## SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**  
**US Regulatory Information:**

**EPA SARA 311 Hazard Classification:** Refer to Section 2 for OSHA Hazard Classification.

**EPA SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313:  
None

**CERCLA Hazardous Substances (Section 103)/RQ:** This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory.

**California Proposition 65:** This product does not contain chemicals regulated under California Proposition 65.

**Canadian Regulatory Information:**

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

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List.

**International Inventories:**

**European Union:** All of the ingredients are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

**REACH:** Contact MDI for status regarding REACH registration.

**SVHC:** None of the ingredients of this product are listed as SVHC.

**15.2 Chemical Safety Assessment:**  
Not required

**SECTION 16: OTHER INFORMATION**

**Date of Current Revision:** 12/7/22

**Revision Summary:** Review SDS. Updated format.

**Date of Previous Revision:** 9/26/15

**GHS Phrases for Reference (See Section 2 and 3):**

Flamm. Liq. 2 Flammable Liquid Category 2

Eye Irrit. 2 Eye Irritant Category 2

STOT SE 3 Specific Target Organ Toxicity – Single Exposure Category 3

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness.

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