



<b>Product Name(s):</b> Premoistened Alcohol/DI Clean Wipes™	<b>Date:</b> February 2014
<b>Product Number(s):</b> 2065	

#### 4. First Aid

**Inhalation:**

Remove individual to fresh air. If not breathing, give artificial respiration or oxygen as appropriate. Seek medical attention if breathing becomes difficult.

**Skin Contact:**

Flush skin with water for 15 minutes and remove contaminated clothing. Wash shoes and clothing before reuse.

**Eyes:**

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart.

**Ingestion:**

Immediately drink water to dilute. Induce vomiting. Consult a physician if symptoms develop. Never give anything by mouth to an unconscious person.

#### 5. Fire Fighting Measures

**Flammability Summary (OSHA):**

Extremely flammable.

**Flammable Properties:**

Flash Point (CC): 60F approximately

Autoignition Temperature (pure IPA): 750C

Upper Flammable/Explosive Limit, % in a 12

Lower Flammable/Explosive Limit, % in a 2.5

Fire/Explosion Hazards Extremely dangerous! Vapor can travel distances to ignition sources and flash back.

Hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below published autoignition or ignition temperatures. Ignition temperatures decrease with increasing vapor volume and vapor/air contact time and are influenced by pressure changes. Ignition may occur at typical elevated temperature process conditions, especially in processes operating under vacuum if subjected to the sudden ingress of air, or with sudden escape of hot vapors into outside air.

**Extinguishing Media:**

Water spray, foam, dry chemical or CO2

Do not allow contaminated water to enter sewers or waterways.

**Fire Fighting Instructions:**

In case of fire, use normal fire fighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Use water to cool containers.

**Hazardous Combustion Products:**

Oxides of carbon.

#### 6. Accidental Release Measures

**Personal Protection for Emergency Situations:**

Evacuate the area of all unnecessary personnel. Eliminate any ignition sources until the area is determined to

**Spill Mitigation Procedures****Air Release:**

Hazardous concentrations in air may be found in local spill area and immediately downwind. Vapors may be suppressed by the use of water fog. Contain all liquid for treatment and/or disposal as a (potential) hazardous waste. Do not flush to sewer! US regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of stipulated quantities. US Coast Guard National Response Center is 800-424-8802.

**Water Release:**

This material is soluble in water. Contain all liquid for treatment and/or disposal as a (potential) hazardous waste. Notify all downstream users of possible contamination.

**Land Release:**

Create a dike or trench to contain materials. Absorb spill with inert material (e.g., dry sand, clay, earth or commercial absorbent), then place in a chemical waste container. Decontaminate all clothing and the spill area using a detergent and flush with large amounts of water. Contain all contaminated water for disposal and/or treatment.

**Additional Spill Information:**

Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment prior to the start of any response. Evacuate all non-essential personnel.

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## 7. Handling and Storage

**Handling:**

Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash with water. Avoid breathing vapor, mist or gas. Electrically ground all equipment when handling this product. Retained residue may make empty containers hazardous. USE CAUTION!

**Storage**

Keep container closed. Store in a cool area away from ignition sources and oxidizers.

**Shelf Life Limitations:**

See label or certificate of analysis for shelf life if applicable.

**Incompatible Materials for Storage:**

Refer to Section 10, "Incompatible Materials."

## 8. Exposure Controls and Personal Protection

**Ventilation:**

Local exhaust ventilation or other engineering controls are normally preferred when handling or using this product. Otherwise, use general exhaust ventilation if that is sufficient for general worker safety and comfort. Explosion proof motors and fans are required. A NIOSH/MSHA approved air supplied respirator is advised in the absence of adequate environmental control.

**Protective Equipment for Routine Use of Product**

**Respiratory Protection:**

See previous paragraph. Material should be handled or transferred in an approved fume hood or with adequate ventilation.

**Respirator Type(s):**

Air purifying respirators should not be used in oxygen deficient or IDLH atmospheres or if exposure concentrations exceed ten (10) times the published limit.

**Skin:** Wear impervious gloves (butyl rubber, Viton, e.g.) to avoid skin contact. Follow good industrial hygiene practices.

**Eyes:** Use chemical safety glasses with side shields, safety goggles and/or a full face shield where splashing is possible.

**Protective Clothing Type:** Impervious

**Exposure Limit Data :** See Section 2

**Chemical Name NIOSH Level Immediately Dangerous to Life or Health:**

Not found

## 9. Physical Data

**Physical State:** Liquid  
**Color:** Colorless  
**Odor:** Strong, characteristic odor

**Molecular Weight:** Not applicable  
**pH (@ 25 Deg. C):** Neutral  
**Octanol/Water Coeff:** No data

**Solubility in Water:** Miscible  
**Bulk Density:** Not applicable  
**Specific Gravity:** 0.86

**Vapor Density (Air = 1):** >1  
**Vapor Pressure: (@ 25 Deg. C):** Not determined  
**Evaporation Rate (Butyl acetate =1)** Not determined

**Volatiles % by vol.:** 100  
**Boiling Point:** Not determined  
**Freezing Point:** Not determined

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## 10. Stability and Reactivity

### Stability and Reactivity Summary:

Stable under normal conditions.

### Reactive Properties:

Sensitivity to mechanical shock: None  
Hazardous Polymerization: Will not occur  
Conditions to Avoid: High temperatures  
Chemical Incompatibility: Oxidizers, chlorine, bromine  
Incompatible materials: Will soften or attack some plastics.  
Hazardous Decomposition Products: CO, CO2  
Decomposition Temperature: No data  
Product May Be Unstable At Temperatures Above: No data

## 11. Toxicological Information

### Component Animal Toxicology: Based on IPA

Oral LD50 value: 2-propanol 3600 (rat).  
Dermal LD50 value: 2-propanol 12800 mg/kg (rbt)  
Inhalation LC50 value: 2-propanol 16000 ppm/8H (rat).  
Product Animal Toxicity: No data.  
Skin Irritation: This material is expected to be slightly irritating.  
Eye Irritation: This material is expected to be severely irritating.  
Reproductive and Developmental Toxicity: No reproductive or developmental risk to humans is  
Component Data: As indicated above.  
Mutagenicity: Not known or reported to be mutagenic.  
Carcinogenicity: This chemical is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP, or EPA.

## 12. Ecological Information

### Ecological Toxicity Values:

Environmental fate: No information found  
Environmental Toxicity: No information found

## 13. Disposal Considerations

No data provided.

## 14. Transportation Information

No data provided.

## 15. Regulatory Information

No data provided.

## 16. Additional Information

THE PURPOSE OF THIS MSDS IS TO PROVIDE SAFE HANDLING INFORMATION FOR USERS OF THE PRODUCT. IT IS NOT INTENDED TO, NOR DOES IT, PROVIDE COMPLETE OR EXTENSIVE TRANSPORTATION, DISPOSAL, REGULATORY OR TOXICOLOGICAL DATA ON THE PRODUCT OR ITS COMPONENTS. USERS WHO REQUIRE THIS INFORMATION ARE REFERRED TO RELEVANT LOCAL, STATE AND FEDERAL REGULATIONS FOR THE INGREDIENTS OF INTEREST.

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IF THIS MSDS IS MORE THAN THREE YEARS OLD YOU SHOULD CONTACT THE SUPPLIER TO MAKE CERTAIN THAT THE INFORMATION IS CURRENT.

THE POSSESSOR OF THIS MATERIAL HAS THE RESPONSIBILITY TO INSURE THAT IT IS USED, HANDLED, STORED, TRANSPORTED AND DISPOSED OF IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL REGULATIONS  
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