

1. Product and Supplier Information

Product Name(s): Premoistened Alcohol/DI Clean Wipes™ **Date:** February 2011
Product Number(s): 2065

Supplier: Control Company Phone: 281-482-1714
 Drawer 58307 Fax: 281-482-9448
 Houston, TX 77258 email: sales@control3.com

Product Information: 281-482-1714
 Transportation Emergency: 800-424-9300 (Chemtrec)
 International Call 703-527-3887 (collect calls accepted)

CPR STATEMENT: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

2. Composition and Information on Ingredients

CAS #	SARA	Material or Component	%	RQ#	Exposure Limits		
	313				TWA*	STEL*	WEEL*
67-63-0	No	Isopropanol (2-propanol)	70	None	400 ppm	500 ppm	NE

A4=Not Classifiable as a Human Carcinogen; BEI= Biological Exposure Limit exists for this material. No component is listed in Threshold and Biological Exposure Indices for 2005 from ACGIH except as noted above. Components listed in Title III Sec. 313 (EPCRA) are indicated by "Yes" above. *TWA= Time Weighted Average; STEL= Short Term Exposure Limit; WEEL= Workplace Employee Exposure Level

3. Hazards Identification

OSHA Hazard Classification: EXTREMELY FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED OR SWALLOWED. CAUSES EYE IRRITATION. May cause damage to central nervous system, liver , kidneys.

Routes of Entry: Inhalation, skin contact, ingestion

Chemical Interactions: Avoid contact with all oxidizing agents.

Medical Conditions Aggravated: Skin conditions, chronic respiratory conditions.

Human Threshold Response Data

Odor Threshold: Not established

Irritation Threshold: Not established

Hazard Category Classifications and Ratings

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference
Immediate	Yes	Yes	No	No	49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Delayed	Yes	No*	No	No	
HMIS Hazard Ratings: Health 2 Fire 3 Instability 0 Other B (Goggles, gloves)					
NFPA 704 Hazard Ratings: Health 2 Flammability 3 Reactivity 0 Special NA					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					
*No** in Delayed Fire hazard category indicates lack of a spontaneous combustion hazard.					

Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.

Immediate (Acute) Health Effects

Inhalation Toxicity: Harmful if inhaled or swallowed.

Inhalation Irritation: High concentrations or prolonged exposure can cause headaches, dizziness, nausea vomiting, mental depression, anesthesia and coma, irritation to eyes and respiratory tract.

Skin Contact: Skin contact may cause pain, redness, and severe irritation.

Skin Absorption: Not a significant hazard.

Eye Contact Causes eye irritation and surface dehydration. Exposure can cause temporary or permanent blindness

Ingestion Irritation: Can cause sore throat, vomiting, diarrhea.

Ingestion Toxicity: Headache, nausea, dizziness, vomiting, mental depression, anesthesia and coma.

Acute Target Organ Toxicity: Kidneys, liver, central nervous system.

Prolonged (Chronic) Health Effects

Carcinogenicity: This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA.

Reproductive and Developmental Toxicity:

Animal studies show adverse effects on fertility when females were exposed chronically during pregnancy.

Sensitization: None known.

Inhalation: Prolonged or repeated exposure may cause more severe irritation.

Skin Contact: Prolonged or repeated skin exposure may cause dermatitis.

Skin Absorption: Reported effects from chronic exposure include damage to kidneys, liver and CNS.

Ingestion: Chronic ingestion unlikely.

General : Prolonged or repeated exposure may cause eye, liver, kidney or lung damage.

Chronic Target Organ Toxicity: Skin, respiratory tract, kidney, liver.

Supplemental Health Hazard Information: No additional health information available.

Product Name(s): Premoistened Alcohol/DI Clean Wipes™	Date: February 2011
Product Number(s): 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 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.

Product Name(s): Premoistened Alcohol/DI Clean Wipes™	Date: February 2011
Product Number(s): 2065	

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

Product Name(s): Premoistened Alcohol/DI Clean Wipes™ Date: February 2011
Product Number(s): 2065

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.

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS MSDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. WE BELIEVE THIS INFORMATION TO BE ACCURATE, RELIABLE, AND UP TO DATE, BUT MAKE NO WARRANTY THAT IT IS.

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
MSDS data source: Alfa-Aesar 7/03/2001