

MATERIAL SAFETY DATA SHEET



Experimental Alcohol Hand Wipe Solution

HMIS		NFPA	Personal protective equipment
Health	1	1	None Required
Fire Hazard	3	3	
Reactivity	0	0	

Version Number: 1

Preparation date: 2004-09-29

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Experimental Alcohol Hand Wipe Solution
MSDS #: I-00017001
Product code: I-00017001
Recommended use: Personal care product.

Manufacturer, importer, supplier:
 US Headquarters: JohnsonDiversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-0902
 Phone: 1-888-352-2249
 MSDS Internet Address: www.johnsondiversev.com
 Canadian Headquarters: JohnsonDiversey - Canada, Inc.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. FLAMMABLE LIQUID AND VAPOR. MAY CAUSE EYE AND SKIN IRRITATION.

Principle routes of exposure: Eyes. Skin. Inhalation. Ingestion.
Skin contact: May be mildly irritating to skin.
Eye contact: May be mildly irritating to eyes.
Inhalation: None known.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl alcohol	64-17-5	70 - 80%	7060 mg/kg (rat)	Not available	20 g/kg/10H (rat)
Propylene glycol	57-55-6	1 - 5%	20 g/kg (rat)	20.8 g/kg (rabbit)	Not available

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation develops get medical attention.
Skin contact: Rinse with plenty of water. If irritation develops get medical attention.
Inhalation: No specific first aid measures are required.
Ingestion: Immediately drink one cupful of water or milk. Get medical attention.
Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO₂, water spray or "alcohol" foam.
Specific hazards: Keep product and empty container away from heat and sources of ignition.
Unusual hazards: None known.
Specific methods: No special methods required.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

Environmental precautions and clean-up methods: Ground and bond containers when transferring material. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Keep away from open flames, hot surfaces and sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

General room ventilation is adequate .

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions
Hand protection: No special requirements under normal use conditions
Skin and body protection: No special requirements under normal use conditions
Respiratory protection: No special requirements under normal use conditions
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS #	ACGIH	OSHA	Mexico
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m ³ 1000 ppm (TWA)	1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Appearance: Liquid
Color: Colourless	Boiling point/range: Not determined
Odor: Characteristic	Melting point/range: Not determined
Specific gravity: 0.879	pH: 6.7
Dilution pH: No information available	Density: 0.879
Bulk density: No information available	Decomposition temperature: Not determined
Vapor density: No information available	Autoignition temperature: No information available
Evaporation rate: No information available	Solubility: Soluble
Solubility in other solvents: No information available	VOC: 76.0%
Viscosity: No information available	Flash point: 65 (°F) 18.3 (°C)
Partition coefficient (n-octanol/water): No information available	

10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerisation does not occur

Hazardous decomposition products: None reasonably foreseeable

Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Component Information: Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg. See Section 3

Chronic toxicity: None known

Specific effects

Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Undiluted product is regulated under environmental and transportation laws as an ignitable waste . Dispose of according to all federal, state and local applicable regulations .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Ethyl alcohol	64-17-5	Listed	Listed	Listed	Listed	Listed	Listed
Water	7732-18-5	-	-	-	-	-	-
Propylene glycol	57-55-6	-	-	Listed	Listed	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	RQ	Section 302/TPQs	Section 313
Ethyl alcohol	64-17-5	70 - 80%	100 LBS		

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: B2 Flammable liquid .



16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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