



DuPont™ RelyOn® Disinfectant Wipes

Version 2.0

Revision Date 02/22/2010

Ref. 130000027909

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ RelyOn® Disinfectant Wipes
 MSDS Number : 130000027909
 Product Use : Disinfectant

Manufacturer : DuPont
 1007 Market Street
 Wilmington, DE 19898

Product Information : 1-800-441-7515 (outside the U.S. 1-302-774-1000)
 Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)
 Transport Emergency : CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Warning symptoms:
Symptoms may be delayed.

Potential Health Effects

Skin

Isopropyl Alcohol : Prolonged or repeated contact may dry skin and cause irritation.
 Propylene Glycol : May cause: Irritation with discomfort or rash.

Eyes

Isopropyl Alcohol : Causes eye irritation.
 Propylene Glycol : May cause: Eye irritation, Discomfort, tearing, Blurred vision.

Inhalation

Isopropyl Alcohol : May cause respiratory tract irritation. Inhalation of high vapour concentrations can cause CNS-depression and narcosis.

Ingestion

Isopropyl Alcohol : Effects due to ingestion may include: Gastrointestinal disturbance, Incoordination, Lethargy, Aspiration hazard if swallowed - can enter lungs and cause damage..

Repeated exposure

Isopropyl Alcohol : Adverse effects from repeated exposure may include: Central nervous system depression lung effects Liver effects Kidney effects Spleen effects

Target Organs

Isopropyl Alcohol : Respiratory Tract Central nervous system

Material Safety Data Sheet



DuPont™ RelyOn® Disinfectant Wipes

Version 2.0

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Ref. 130000027909

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Isopropyl Alcohol	67-63-0	70 %
Propylene Glycol	57-55-6	6 - 12 %
Water	7732-18-5	<24 %

SECTION 4. FIRST AID MEASURES

- Skin contact : No treatment is necessary under ordinary circumstances. In the case of skin irritation or allergic reactions see a physician.
- Eye contact : Rinse immediately with plenty of water and seek medical advice.
- Inhalation : Is not an expected route of exposure under normal conditions. Move to fresh air. Consult a physician if necessary.
- Ingestion : Call a poison control center or doctor for treatment advice. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Do not give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

- Flammable Properties
- Flash point : 26.1 °C (79.0 °F) Tag closed cup
Method : ASTM D 56
- Autoignition temperature : 341 °C (646 °F)
- Lower explosion limit : 1.9 vol%
- Upper explosion limit : 10.6 vol%
- Suitable extinguishing media : Water spray, Dry powder, Alcohol-resistant foam, Carbon dioxide (CO₂)
- Firefighting Instructions : Wear self contained breathing apparatus for fire fighting if necessary. Use personal protective equipment. Evacuate personnel to safe areas. Cool containers / tanks with water spray. Do not allow run-off from fire fighting to enter drains or water courses. In the event of fire and/or explosion do not breathe fumes. Vapours or gases may travel considerable distances to



DuPont™ RelyOn® Disinfectant Wipes

Version 2.0

Revision Date 02/22/2010

Ref. 130000027909

ignition source and flash back.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Use personal protective equipment. Evacuate personnel to safe areas. Remove all sources of ignition. Avoid contact with skin, eyes and clothing.
- Spill Cleanup : Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Shovel into suitable container for disposal.
- Accidental Release Measures : Do not contaminate surface water. Prevent product from entering drains. Prevent material from entering sewers, waterways, or low areas.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Provide adequate ventilation. Keep container tightly closed. Keep away from fire, sparks and heated surfaces. Avoid contact with eyes. Do not ingest. Keep out of reach of children. Do not smoke.
- Storage : Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment
 Respiratory protection : No personal respiratory protective equipment normally required.

Exposure Guidelines

Exposure Limit Values

Isopropyl Alcohol

PEL (Permissible Exposure Limit)	(OSHA)	400 ppm	980 mg/m3	8 hr. TWA
TLV	(ACGIH)	200 ppm	TWA	
TLV	(ACGIH)	400 ppm	STEL	
AEL *	(DUPONT)	200 ppm	8 & 12 hr. TWA	

Propan-2-ol

PEL (Permissible Exposure Limit)	(OSHA)	400 ppm	980 mg/m3	8 hr. TWA
TLV	(ACGIH)	200 ppm	TWA	
TLV	(ACGIH)	400 ppm	STEL	
AEL *	(DUPONT)	200 ppm	8 & 12 hr. TWA	



DuPont™ RelyOn® Disinfectant Wipes

Version 2.0

Revision Date 02/22/2010

Ref. 130000027909

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid saturated on wipe (towelette)
Color	: colourless
Odor	: citrus-like, alcohol-like
pH	: 5 - 7
Freezing point	: -27 °C (-17 °F)
Boiling point	: no data available
% Volatile	: 100 %
Vapour Pressure	: 31.6 mm Hg at 20 °C (68 °F)
Specific Gravity	: 0.853 at 20 °C (68 °F)
Vapour density	: 1.1 (Air = 1.0)
Evaporation rate	: 2.5 (Butyl Acetate=1.0)

SECTION 10. STABILITY AND REACTIVITY

Stability	: Stable under recommended storage conditions.
Conditions to avoid	: Heat, flames and sparks. Avoid extreme heat.
Incompatibility	: Acids oxidizers
Hazardous decomposition products	: Carbon oxides
Hazardous reactions	: Polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Isopropyl Alcohol	
Dermal LD50	: 12,900 mg/kg, rabbit
Oral LD50	: 4,700 mg/kg, rat Gastrointestinal effects Kidney effects
Inhalation 4 h LC50	: 39.3 mg/l, rat Respiratory tract damage Central nervous system depression
Skin irritation	: Species: rabbit Irritating to skin., Mild skin irritation



DuPont™ RelyOn® Disinfectant Wipes

Version 2.0

Revision Date 02/22/2010

Ref. 130000027909

Eye irritation	:	Species: rabbit Irritating to eyes., Eye irritation
Skin sensitization	:	There are no reports of human skin sensitization.
Repeated dose toxicity	:	Inhalation Central nervous system effects, Liver effects, Kidney effects, lung effects, Spleen effects, Testes Oral Liver enlargement, Kidney enlargement, Adrenal effects Dermal Drying of skin, Weight loss, Organ weight changes
Carcinogenicity	:	Animal testing did not show any carcinogenic effects.
Mutagenicity	:	Did not show mutagenic effects in animal experiments., Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Reproductive toxicity	:	Evidence suggests the substance is not a reproductive toxin in animals.
Teratogenicity	:	Animal testing showed effects on embryo-foetal development at levels equal to or above those causing maternal toxicity.
Propylene Glycol		
Dermal LD50	:	> 20,700 mg/kg, rabbit
Oral LD50	:	20,000 mg/kg, rat
Inhalation 4 h ALC	:	> 5 mg/l, rat An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.
Skin irritation	:	Species: human Not classified as irritant, No skin irritation
Eye irritation	:	Species: rabbit Not classified as irritant, No eye irritation
Skin sensitization	:	Species: animals (unspecified species), Did not cause sensitization on laboratory animals.
Carcinogenicity	:	Did not show carcinogenic effects in animal experiments.
Mutagenicity	:	Did not show mutagenic effects in animal experiments.
Reproductive toxicity	:	Evidence suggests the substance is not a reproductive toxin in

Material Safety Data Sheet



DuPont™ RelyOn® Disinfectant Wipes

Version 2.0

Revision Date 02/22/2010

Ref. 130000027909

animals.

Teratogenicity : Did not show teratogenic effects in animal experiments.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

Isopropyl Alcohol
96 h LC50

: Pimephales promelas (fathead minnow) 3,200 mg/l

72 h EC50

: Algae > 1,000 mg/l

24 h EC50

: Daphnia 9,714 mg/l

Propylene Glycol
48 h LC50

: Cyprinus carpio (Carp) 6,000 mg/l

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : In accordance with local and national regulations. Do not flush into surface water or sanitary sewer system.

SECTION 14. TRANSPORT INFORMATION

IATA_C

UN-Number : 8000

Proper shipping name : Consumer commodity

Class : 9

Labelling No. : 9MI

IMDG

UN-Number : 3175

Proper shipping name : Solids containing flammable liquid, n.o.s. (Isopropanol)

Class : 4.1

Packaging group : II

Labelling No. : 4.1

SECTION 15. REGULATORY INFORMATION

TSCA Status : On the inventory, or in compliance with the inventory

SARA 313 Regulated Chemical(s) : Isopropyl Alcohol

CERCLA Reportable Quantity : 197 lbs
Based on the percentage composition of this chemical in the product.:
Propan-2-ol

Material Safety Data Sheet



DuPont™ RelyOn® Disinfectant Wipes

Version 2.0

Revision Date 02/22/2010

Ref. 130000027909

EPA Reg. No.	:	60142-3-71654
California Prop. 65	:	Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known
PA Right to Know Regulated Chemical(s)	:	Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Isopropyl Alcohol, Propylene Glycol
NJ Right to Know Regulated Chemical(s)	:	Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Isopropyl Alcohol

SECTION 16. OTHER INFORMATION

	NFPA	HMIS
Health	2	2
Flammability	3	3
Reactivity/Physical hazard		0
PPE		Personal Protection rating to be supplied by user depending on use conditions.

MSDS preparation date : 02/22/2010

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Contact person : MSDS Coordinator, DuPont Chemicals and Fluoroproducts, Wilmington, DE 19898, (800) 441-7515

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