



RelyOn® Multipurpose Disinfectant Cleaner

Version 3.1

Revision Date 09/02/2015

Ref. 130000093735

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 : RelyOn® Multipurpose Disinfectant Cleaner

MSDS Number : 130000093735

Product Use : Disinfectant, Cleaning agent, For professional users only.

Manufacturer/Supplier : DuPont
1007 Market Street
Wilmington, DE 19898
United States of America

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

Potential Health Effects

Skin : Irritating to skin.

Eyes : Risk of serious damage to eyes.

Primary Routes of Entry : Eye contact, Skin contact

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
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Potassium peroxymonosulfate	10058-23-8	21.41 %
Sulfamic acid	5329-14-6	4 - 6 %
Sodium chloride	7647-14-5	1.5 %

SECTION 4. FIRST AID MEASURES

- Skin contact : In case of contact, immediately flush skin with plenty of water. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Consult a physician if necessary.
- Eye contact : Rinse immediately with plenty of water and seek medical advice.
- Inhalation : 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.
- General advice : When symptoms persist or in all cases of doubt seek medical advice.

SECTION 5. FIREFIGHTING MEASURES

- Flammable Properties
- Flash point : does not flash
- Suitable extinguishing media : Water spray, Dry powder, Alcohol-resistant foam
- Unsuitable extinguishing media : Carbon dioxide (CO₂)
- Firefighting Instructions : In the event of fire, wear self-contained breathing apparatus. Wear suitable protective equipment.
Evacuate personnel to safe areas. Standard procedure for chemical fires.



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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) : Wear personal protective equipment. Avoid contact with skin and eyes.
- Spill Cleanup : Sweep up and shovel into suitable containers for disposal. Avoid dust formation. After cleaning, flush away traces with water.
- Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas. Dispose of in accordance with local regulations.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Avoid contact with skin, eyes and clothing. Do not get on clothing. Wash off with plenty of water. Wash clothing after use. Do not breathe dust. Avoid dust formation in confined areas. For personal protection see section 8. General industrial hygiene practice.
- Storage : Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container.
Keep away from: Combustible material
No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering controls : Provide local exhaust ventilation when handling material in bulk. Ensure adequate ventilation.
- Personal protective equipment
 - Respiratory protection : Provide adequate ventilation. Wear NIOSH approved respiratory protection as appropriate.
 - Hand protection : Material: Impervious gloves
Additional protection: No particular glove type is recommended, but nitrile may be used.



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Eye protection : Safety glasses with side-shields

Skin and body protection : Where there is potential for skin contact, have available and wear as appropriate, impervious gloves, apron, pants, jacket, hood and boots.

Exposure Guidelines
Exposure Limit Values

None established.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : powder
Color : yellow
Odor : pleasant, sweet
pH : 2.4 - 2.7
% Volatile : 1.07 %
Specific gravity : 1.89 - 1.93 at 24 °C (75 °F)
Water solubility : 65 g/l at 20 °C (68 °F)
Solubility(ies) : insoluble

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Protect from moisture.

Incompatibility : Strong bases combustibles, Acids, oxidizers, Brass, Copper, Halogenated compounds, Cyanides, Heavy metal salts

Hazardous decomposition products : Hazardous thermal decomposition products:
Fluorinated compounds

Hazardous reactions : Decomposes on heating.

SECTION 11. TOXICOLOGICAL INFORMATION

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Inhalation 4 h LC50 : 3.7 mg/l , Rat



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- Dermal LD50 : 2,200 mg/kg , Rat
- Oral LD50 : 4,123 mg/kg , Rat
- Skin irritation : Irritating to skin.,
(Data on the product itself)
- Sensitisation : Does not cause skin sensitisation., Guinea pig
(Data on the product itself)

Does not cause respiratory sensitisation.,
- Reproductive toxicity : No toxicity to reproduction

Sulfamic acid

- Eye irritation : Eye irritation, Rabbit
- Repeated dose toxicity : Oral
Rat

No toxicologically significant effects were found.
- Mutagenicity : Animal testing did not show any mutagenic effects.
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Sodium chloride

- Eye irritation : No eye irritation, Rabbit
Slight irritation observed but insufficient to warrant classification
- Repeated dose toxicity : Oral
Rat

Due to its physical properties, there is no potential for adverse effects.
- Carcinogenicity : Not classifiable as a human carcinogen.
Animal testing did not show any carcinogenic effects.
- Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
- Teratogenicity : Animal testing showed no developmental toxicity.


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SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

Sulfamic acid

- 96 h LC50 : Pimephales promelas (fathead minnow) 70.3 mg/l OECD Test Guideline 203
Information given is based on data obtained from similar substances.
- 72 h ErC50 : Desmodesmus subspicatus (green algae) 48 mg/l OECD Test Guideline 201
- 72 h NOEC : Desmodesmus subspicatus (green algae) 18 mg/l OECD Test Guideline 201
- 48 h EC50 : Daphnia magna (Water flea) 71.6 mg/l OECD Test Guideline 202

Sodium chloride

- 96 h LC50 : Lepomis macrochirus (Bluegill sunfish) 5,840 mg/l
- 96 h LC50 : Carassius auratus (goldfish) 7,341 mg/l
- 96 h LC50 : Pimephales promelas (fathead minnow) 10,610 mg/l
- 96 h IC50 : Lemna minor (duckweed) 6,870 mg/l
- 48 h EC50 : Daphnia magna (Water flea) 874 mg/l
- 7 d : NOEC Pimephales promelas (fathead minnow) 4,000 mg/l
- 33 d : NOEC Pimephales promelas (fathead minnow) 252 mg/l
- 21 d : NOEC Daphnia magna (Water flea) 314 mg/l
- 7 d : NOEC Ceriodaphnia dubia (water flea) 354 mg/l

Environmental Fate

Sulfamic acid

- Biodegradability : Biodegradable
Not applicable

Sodium chloride

- Bioaccumulation : Bioaccumulation is unlikely.



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SECTION 13. DISPOSAL CONSIDERATIONS

- Waste Disposal : In accordance with local and national regulations. Do not flush into surface water or sanitary sewer system. Do not contaminate water, food or feed by disposal.
- Environmental Hazards : Dispose of container properly.
If recycling is not practicable, dispose of in compliance with local regulations.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

SARA 313 Regulated Chemical(s) : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

EPA Reg. No. : 71654-7

In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

This Safety Data Sheet is for a pesticide product registered by the US Environmental Protection Agency (USEPA) and is therefore also subject to certain labeling requirements under US pesticide law (FIFRA). These requirements differ from the classification criteria and hazard information required by OSHA for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the mandatory hazard information



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required by USEPA on the pesticide label:

DANGER: Powder is corrosive. Causes skin burns and irreversible eye damage. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear protective clothing and rubber gloves. Wear goggles, face shield, or safety glasses. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Corrosive statement does not refer to 1% in- use solution.

California Prop. 65 : Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

SECTION 16. OTHER INFORMATION

The DuPont Oval Logo is a registered trademark of E.I. du Pont de Nemours and Company.

Do not use for medical-clinical purposes.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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