



ReNew® Aqueous Reactivator LF

Revision: 2024-07-31

Version: 01.0

1. IDENTIFICATION

Product name: ReNew® Aqueous Reactivator LF
SDS #: MS0800971
Recommended use:

- Water Treatment Additive

Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:
US Headquarters
 Diversey, Inc.
 1300 Altura Rd., Suite 125
 Fort Mill, SC 29708
 Phone: 1-888-352-2249
 SDS Internet Address: <https://sds.diversey.com>

Canadian Headquarters
 Diversey Canada, Inc.
 6150 Kennedy Road Unit 3
 Mississauga, Ontario L5T 2J4
 Phone: 1-800-668-7171

Emergency telephone number: 1-800-851-7145; 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Reproductive toxicity, Category 1B
 Specific target organ toxicity (repeated exposure), Category 2
 Eye irritation, Category 2A
 Skin irritation, Category 2
 Skin sensitization, Category 1



Signal word:

Danger.

Hazard Statements

CAUSES SKIN AND SERIOUS EYE IRRITATION. MAY DAMAGE FERTILITY OR THE UNBORN CHILD. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE. MAY CAUSE AN ALLERGIC SKIN REACTION.

Precautionary Statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing and eye or face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. IF exposed or concerned: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. Store locked up. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product 10% w/w

Reproductive toxicity Category 1B



Signal word:

Danger.

Hazard and Precautionary Statements

MAY DAMAGE FERTILITY OR THE UNBORN CHILD.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. IF exposed or concerned: Get medical advice or attention. Store locked up. Dispose of in accordance with all federal, state and local applicable regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
(C10-C16) Alkylbenzenesulfonic acid, isopropylamine salt	68584-24-7	1 - 5%
Alcohols, c10-12, ethoxylated	66455-15-0	1 - 5%
N-methyl-2-pyrrolidone	872-50-4	1 - 5%
d-Limonene	5989-27-5	1 - 5%
Linear alcohol alkoxylate	68987-81-5	0.5 - 1.5%
Dipropylene glycol n-propyl ether	29911-27-1	0.5 - 1.5%
Dimethyl glutarate	1119-40-0	0.5 - 1.5%
Benzenesulfonic acid, oxybis(decyl-), disodium salt	70146-13-3	> 0.1 - 1%

4. FIRST AID MEASURES

Undiluted Product:

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

Skin: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. If irritation occurs and persists, get medical attention.

Inhalation: No specific first aid measures are required.

Ingestion: IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed: Not applicable.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No specific first aid measures are required

Inhalation: No specific first aid measures are required

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Specific methods:

No special methods required
Extinguish fire using agent suitable for surrounding fire.

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: No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods: Clean-up methods - large spillage. 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. Prolonged or repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly after handling. Do not breathe vapors or mists. Remove and wash contaminated clothing before re-use. Use only with adequate ventilation. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue.

Storage: Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	ACGIH	OSHA
N-methyl-2-pyrrolidone	10 ppm WEEL, 40 mg/m ³	-

Undiluted Product:

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

- Eye protection:** Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: Wear suitable protective clothing.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

- Eye protection:** Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: Wear suitable protective clothing.
Respiratory protection: No personal protective equipment required under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid

Evaporation Rate: No information available

Odor threshold: No information available.

Melting point/freezing point (°C): Not determined

Autoignition temperature: No information available

Solubility in other solvents: No information available

Density: 1.0 Kg/L

Bulk density: No information available

Flash point (°F): > 200 °F > 93.3 °C

Kinematic viscosity No information available

VOC: 5.7 %

Flammability (Solid or Gas): Not applicable

Sustained combustion: Not applicable

Explosion limits: - upper: Not determined - lower: Not determined

> 200 > 93.3

VOC % by wt. at use dilution: 0.57

Color: Clear Not determined Colorless

Odor: Citrus

Boiling point/range: Not determined

Decomposition temperature: Not determined Not applicable

Solubility: Completely Soluble

Relative Density (relative to water): 1.00

Vapor density: No information available

Vapor pressure: No information available.

Partition coefficient (n-octanol/water): No information available

Elemental Phosphorus: 0 % by wt.

pH: 4.5

Corrosion to metals: Not corrosive to metals

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable

Stability: The product is stable

Possibility of hazardous reactions: None known
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid: No information available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact, Skin contact, Inhalation, Ingestion

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

Eye contact: Causes serious eye irritation. Symptoms may include pain, redness, and watering.

Ingestion: May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

Inhalation: May be irritating to nose, throat, and respiratory tract. Symptoms may include coughing and difficulty breathing.

Sensitization: May cause an allergic skin reaction. Symptoms may include rash, hives, itching, bumps, redness, swelling, and/or discomfort.

Target Organs (SE): None known

Target Organs (RE):

Carcinogen Listings: D-limonene is flagged as an IARC 2B because it could be included as part of the generic hydrocarbon group. However, the IARC monograph specifically states that d-limonene has no carcinogenic effects. Therefore, it is not considered a carcinogen. None of the components in this product at $\geq 0.1\%$ are listed as a carcinogen by IARC, NTP or OSHA.

Numerical measures of toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

Other adverse effects No other adverse effects known.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products (undiluted product): This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product): This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): Not Regulated

RCRA Hazard Class (diluted product): Not Regulated

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT (Ground) Bill of Lading Description: NOT REGULATED

IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15. REGULATORY INFORMATION

International Inventories at CAS# Level

US RIGHT TO KNOW (RTK)

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
N-methyl-2-pyrrolidone	872-50-4	1 - 5%			X

Canadian Regulations

Ingredient(s)	CAS #	NPRI
N-methyl-2-pyrrolidone	872-50-4	X
d-Limonene	5989-27-5	X

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2

Flammability 0

Instability 0

Special Hazards -

Diluted Product:

Revision: 2024-07-31

Version: 01.0

Reason for revision: Not applicable

Prepared by: North American Regulatory Affairs

Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.