

Safety Data Sheet

Issuing Date: 5/9/2025

Section 1: Identification

- **Product Name:** CofixRX Nasal Cleanse
- **Product Use:** Nasal Cleansing Solution
- **Manufacturer:** LXR Biotech 4225 N. Atlantic Blvd, Auburn Hills, MI 48326 US
- **Supplier of Safety Data Sheet:** CofixRX LLC, 40900 Woodward Ave, Bloomfield Hills, MI 48304 US
- **Emergency Phone Number:** 855.882.6349
- **Email:** jeff@cofixrx.com
- **SDS Date of Preparation:** May 9, 2025

Section 2: Hazard(s) Identification

Classification:

Serious eye damage/eye irritation

Category 2A, 2B

Specific target organ toxicity (repeated exposure)

Category 1

Aquatic Acute

Category 1

Label elements:

Hazard pictograms:



Precautionary statements:

Causes serious eye irritation

Causes damage to organs through prolonged or repeated exposure

Precautionary Statements- Prevention Wash face, hands and any exposed skin thoroughly after handling Wear eye protection/ face protection Do not breathe dust/fume/gas/mist/vapors/spray Do not eat, drink or smoke when using this product

Precautionary Statements- Response Get medical advice/attention if you feel unwell Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention

Precautionary Statements- Disposal Dispose of contents/container to an approved waste disposal plant

- **Other information:** May be harmful if swallowed. Causes mild skin irritation.

Unknown acute toxicity 6.35 % of the mixture consists of ingredient(s) of unknown toxicity 1.25 % of the mixture consists of ingredient(s) of unknown acute oral toxicity 6.35 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity 6.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas) 6.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor) 6.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	% by Weight	Classification (GHS)
Purified Water	7732-18-5	89.157%	Not Classified
Povidone	9003-39-8	1.125%	Not Classified

Iodine	7553-56-2	.125%	Acute Tox. 4 (Oral, Inhalation), Skin Irrit. 2, Eye Irrit. 2A, STOT SE 3 (Respiratory tract irritation), Aquatic Acute 1
Citric Acid	77-92-9	0.08%	Eye Irrit. 2A
Sodium Citrate	994-36-5	1.78%	Not Classified
Glycerin	56-81-5	1.341%	Not Classified
Disodium Phosphate	7558-79-4	0.17%	Eye Irrit. 2B
Xylitol	87-99-0	4.114%	Not Classified
Vitamin D3	67-97-0	0.761%	Not Classified
Polysorbate	9005-65-6	0.914%	Not Classified
Sodium Hydroxide	1310-73-2	0.267%	Not Classified
Gellan Gum	71060-52-1	0.124%	Not Classified
Carrageenan	9000-07-1	0.042%	Not Classified

Section 4: First-Aid Measures

- **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- **Skin Contact:** Generally not irritating. Wash with soap and water if irritation occurs. If irritation persists, seek medical attention.
- **Inhalation:** If inhaled, move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, call a poison center or doctor.

- **Ingestion:** If swallowed, rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. If feeling unwell, seek medical advice/attention.

Section 5: Fire-Fighting Measures

- **Suitable extinguishing media:** Use extinguishing media appropriate for the surrounding fire. Water spray, carbon dioxide, dry chemical, or foam may be used.
- **Unsuitable extinguishing media:** None known.
- **Specific hazards arising from the chemical:** None known. The mixture is mostly water and is not flammable. Combustion may produce carbon oxides and other unidentified thermal decomposition products.
- **Special protective equipment and precautions for fire-fighters:** Wear self-contained breathing apparatus (SCBA) and full protective gear.

Section 6: Accidental Release Measures

- **Personal precautions, protective equipment, and emergency procedures:** Avoid contact with eyes. Wear appropriate personal protective equipment as described in Section 8.
- **Environmental precautions:** Prevent large quantities from entering drains or waterways.

- **Methods and materials for containment and cleaning up:** Absorb small spills with inert material (e.g., sand, vermiculite). For larger spills, contain the spill and collect it for proper disposal. Rinse the spill area with water.

Section 7: Handling and Storage

- **Precautions for safe handling:** Avoid contact with eyes. Use as directed. Keep out of reach of children.
- **Conditions for safe storage, including any incompatibilities:** Store in a cool, dry place away from direct sunlight and incompatible materials (see Section 10). Maintain product quality by storing at temperatures between [Insert Recommended Temperature Range Here].

Section 8: Exposure Controls/Personal Protection

- **Control parameters:**
 - **Iodine (7553-56-2):**
 - ACGIH TLV: Ceiling: 0.1 ppm
 - **Citric Acid (77-92-9):** No established exposure limits.
 - **Glycerin (56-81-5):**
 - OSHA PEL: TWA: 15 mg/m³ (total dust); 5 mg/m³ (respirable fraction)
 - ACGIH TLV: TWA: 10 mg/m³ (inhalable fraction)
 - **Sodium Hydroxide (1310-73-2):**
 - OSHA PEL: Ceiling: 2 mg/m³
 - ACGIH TLV: Ceiling: 2 mg/m³
- **Appropriate engineering controls:** General ventilation is usually adequate.
- **Individual protection measures, such as personal protective equipment:**
 - **Eye/face protection:** Avoid contact with eyes. If splashing is possible, wear safety glasses with side shields.
 - **Skin protection:** Not typically required under normal use conditions.
 - **Respiratory protection:** Not typically required under normal use conditions. If irritation occurs, move to fresh air.
 - **Thermal hazards:** None known.

Section 9: Physical and Chemical Properties

- **Appearance:** Clear, colorless to light yellow liquid
- **Odor:** Slight characteristic odor
- **Odor threshold:** Not available
- **pH:** 6.4
- **Melting point/freezing point:** Approximately 0°C (32°F) (based on water content)
- **Initial boiling point and boiling range:** Approximately 100°C (212°F) (based on water content)
- **Flash point:** Not applicable (aqueous solution)
- **Evaporation rate:** Not available
- **Flammability (solid, gas):** Not applicable
- **Upper/lower flammability or explosive limits:** Not applicable
- **Vapor pressure:** Not available
- **Vapor density:** Not available
- **Relative density:** Approximately 1.0 (based on water content)
- **Solubility(ies):** Soluble in water
- **Partition coefficient: n-octanol/water:** Not available
- **Auto-ignition temperature:** Not applicable
- **Decomposition temperature:** Not available
- **Viscosity:** Not available

Section 10: Stability and Reactivity

- **Reactivity:** No specific reactivity hazards known under normal use conditions.
- **Chemical stability:** Stable under normal storage and handling conditions.
- **Possibility of hazardous reactions:** None known under normal use conditions.
- **Conditions to avoid:** Extreme temperatures, direct sunlight, incompatible materials.
- **Incompatible materials:** Strong oxidizing agents, strong acids.
- **Hazardous decomposition products:** None known under normal use conditions.
Thermal decomposition may produce carbon oxides and other unidentified products.
- **Section 11: Toxicological Information**

- **Information on likely routes of exposure:** Eye contact, skin contact, inhalation, ingestion.
- **Symptoms related to the physical, chemical, and toxicological characteristics:**
 - **Eye Contact:** May cause mild to moderate irritation, redness, and watering.
 - **Skin Contact:** May cause mild irritation in sensitive individuals.
 - **Inhalation:** May cause mild respiratory irritation in sensitive individuals.
 - **Ingestion:** May cause mild gastrointestinal discomfort.
- **Delayed and immediate effects as well as chronic effects from short and long-term exposure:** Prolonged or excessive use may lead to dryness of the nasal passages in some individuals.
- **Numerical measures of toxicity:**
 - **Iodine (7553-56-2):**
 - LD50 oral rat: 14,000 mg/kg
 - LC50 inhalation rat: > 4.58 mg/L (1 h)
 - **Citric Acid (77-92-9):**
 - LD50 oral rat: 3,000 mg/kg
 - **Glycerin (56-81-5):**
 - LD50 oral rat: > 12,600 mg/kg
 - **Sodium Hydroxide (1310-73-2):**
 - LD50 oral rabbit: 325 mg/kg
- **Carcinogenicity:** No components are listed as carcinogens by IARC, NTP, or OSHA.

Section 12: Ecological Information

- **Ecotoxicity:**
 - **Iodine (7553-56-2):** Very toxic to aquatic life with long-lasting effects.
 - LC50 (fish, 96 h): 0.167 mg/L
 - EC50 (Daphnia magna, 48 h): 0.201 mg/L
 - **Sodium Hydroxide (1310-73-2):** May be harmful to aquatic life due to high pH.
 - LC50 (fish, 96 h): 45 mg/L
- **Persistence and degradability:** Not expected to be persistent based on the nature of the ingredients.
- **Bioaccumulative potential:** Not expected to be significantly bioaccumulative.
- **Mobility in soil:** Water soluble components are expected to be mobile in soil.
- **Other adverse effects:** None known.

Section 13: Disposal Considerations

- **Disposal of waste:** Dispose of contents/container in accordance with local, regional, national, and international regulations.
- **Disposal of packaging:** Dispose of packaging in accordance with local, regional, national, and international regulations.

Section 14: Transport Information

<u>DOT</u>	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
<u>TDG</u>	Not applicable
<u>MEX</u>	Not applicable
<u>ICAO</u>	Not applicable
<u>IATA</u>	Not applicable
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not applicable
Hazard Class	N/A
<u>RID</u>	Not applicable
<u>ADR</u>	Not applicable

Section 15: Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
 - **USA:**
 - TSCA (Toxic Substances Control Act): All components are listed or exempt.
 - **California Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.
- **Chemical safety assessment:** A chemical safety assessment has not been carried out for this mixture.

Section 16: Other Information

- **Abbreviations:**

- ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstracts Service
- EC50: Half maximal effective concentration
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IARC: International Agency for Research on Cancer
- LC50: Lethal concentration, 50%
- LD50: Lethal dose, 50%
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible Exposure Limit
- STOT SE: Specific Target Organ Toxicity - Single Exposure
- TLV: Threshold Limit Value
- TWA: Time-Weighted Average

- **Disclaimer:** This Safety Data Sheet (SDS) is provided in good faith and is based on the information available to us at the date of preparation. However, the information is not intended to be all-inclusive and should be used only as a guide. Individuals handling this product should be trained in its proper handling and use. CofixRX LLC shall not be held liable for any damages resulting from the use of or reliance upon this information.
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