

**Safety Data Sheet**  
**Evaporator Citrus**

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Evaporator Citrus  
**PRODUCT CODE:** 313000030-20AR  
**RECOMMENDED USE:** Odor Eliminator  
**RESTRICTIONS ON USE:** None known.  
**COMPANY NAME:** Empire Industries  
**COMPANY ADDRESS:** P.O. Box 1404, Brentwood, TN 37024  
**COMPANY PHONE:** 615- 315-0026  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 2  
Gases Under Pressure: Liquefied Gas

**HAZARD STATEMENT(S): WARNING:** Flammable aerosol. Contains gas under pressure; may explode if heated.

This product contains the following percentage of chemicals of unknown toxicity: N/A

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place.

**SYMBOL:**



**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Propane	74-98-6	1-5%
n-Butane	106-97-8	1-5%

**SECTION IV - FIRST AID MEASURES**

**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 or attention.

**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists. Never give anything by mouth to an unconscious person.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

**SKIN:** Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

**ACUTE HEALTH HAZARDS:** Prolonged contact with skin may cause irritation. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** None known.

**NOTE TO PHYSICIAN:** Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Use appropriate media for surrounding fire.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

# Safety Data Sheet

## Evaporator Citrus

- SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** FLAMMABLE. Contents under pressure. Exposure to temperatures above 122 °F (50 °C) may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.
- HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and unidentified organic compounds may be formed during combustion.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

- PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.
- SPILL:** Eliminate all sources of ignition. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains and natural waterways. Place waste in proper containers for disposal. Small releases may be wiped up with wiping material.
- WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Offer for recycling or wrap container and place in trash collection.
- RCRA STATUS:** Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

- HANDLING AND STORAGE:** Do not use or store near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Store in a cool, dry area. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use. Do not use or store with strong oxidizers. Wash hands thoroughly after handling.
- OTHER PRECAUTIONS:** Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
- INCOMPATIBILITY:** Strong acids and bases, oxidizing agents.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane	1000 ppm	1000 ppm
n-Butane	Not Established	1000 ppm

- ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate but local exhaust/ventilation preferred.
- RESPIRATORY PROTECTION:** Not required with normal use. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.
- PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles.
- ADDITIONAL MEASURES:** Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. No smoking or open flames.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE:** Light yellow, viscous gel.
- ODOR:** Citrus.
- ODOR THRESHOLD:** N/D
- pH:** 8.2 - 8.5.
- MELTING POINT/FREEZING POINT:** N/D
- INITIAL BOILING POINT AND BOILING RANGE:** N/D
- FLASH POINT:** N/D
- EVAPORATION RATE:** Slow.
- FLAMMABILITY (solid/gas):** Flammable aerosol.
- UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**
- LOWER FLAMMABILITY LIMIT:** N/D
- UPPER FLAMMABILITY LIMIT:** N/D
- EXPLOSIVE LIMIT LOWER (%):** N/D

# Safety Data Sheet

## Evaporator Citrus

**EXPLOSIVE LIMIT UPPER (%):** N/D  
**VAPOR PRESSURE (mm Hg):** N/D  
**VAPOR DENSITY (AIR=1):** N/D  
**RELATIVE DENSITY (H<sub>2</sub>O=1):** 0.965 - 1.01 @ 77 °F (25 °C).  
**SOLUBILITY(IES):** N/D  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D  
**AUTOIGNITION TEMPERATURE:** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

### SECTION X – STABILITY AND REACTIVITY

**REACTIVITY:** None known.  
**CHEMICAL STABILITY:** Stable.  
**POSSIBLE HAZARDOUS REACTIONS:** None known.  
**CONDITIONS TO AVOID:** Temperatures greater than 122 °F (50 °C) and sources of ignition. Avoid incompatible materials.  
**INCOMPATIBLE MATERIALS:** Strong acids and bases, oxidizing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

### SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **n-Butane** (106-97-8): LC<sub>50</sub> (Inhalation, Rat, 4h) 30957 mg/m<sup>3</sup>. **Propane** (74-98-6): LC<sub>50</sub> (Inhalation, Rat, 4h) 658 mg/L.  
**ROUTES OF ENTRY:** Eyes, Inhalation, Skin  
**EYES:** May cause irritation, redness, tearing.  
**INGESTION:** Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting.  
**INHALATION:** May cause respiratory tract irritation, dizziness.  
**SKIN:** May cause irritation, dryness, localized defatting.  
**MEDICAL CONDITION AGGRAVATED:** None known.  
**ACUTE HEALTH HAZARDS:** Prolonged contact with skin may cause irritation. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**CHRONIC HEALTH HAZARDS:** None known.  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

### SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not established.  
**PERSISTENCE AND DEGRADABILITY:** This product is biodegradable.  
**BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate.  
**MOBILITY IN SOIL:** This product is mobile in soil.  
**OTHER ADVERSE EFFECTS:** None known.

### SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Offer for recycling or wrap container and place in trash collection.  
**RCRA STATUS:** Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION XIV - TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN1950  
**PACKING GROUP:** N/A

**Safety Data Sheet**  
Evaporator Citrus

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, flammable.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN1950  
**PACKING GROUP:** N/A

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Aerosols.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN1950  
**PACKING GROUP:** N/A  
**ENVIRONMENTAL HAZARDS WATER:** N/A

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Ethyl acetate (141-78-6) Reportable Quantity = 5000 pounds. Acrylic acid (79-10-7) Reportable Quantity = 5000 pounds. Cyclohexane (110-82-7) Reportable Quantity = 1000 pounds.

**SARA 311/312 HAZARD CATEGORIES:** Flammable (gases, aerosols, liquids, solids). Gas under pressure.

**SARA 313 REPORTABLE INGREDIENTS:** This product 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.

**CLEAN WATER ACT:** None.

**STATE REGULATIONS: California Proposition 65:** None. Propylene glycol (57-55-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: NJ, PA, RI. Isopropyl alcohol (67-63-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, FL, IL, MA, MN, NJ, PA, RI, TN.

**INTERNATIONAL REGULATIONS:** No information available.

**VOLATILE ORGANIC COMPOUNDS (VOC):** 9.9%

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	2	<b>HMIS FLAMMABILITY:</b>	2
<b>NFPA REACTIVITY:</b>	0	<b>HMIS REACTIVITY:</b>	0
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	A

**SECTION XVI - OTHER INFORMATION**

**PREPARATION BY:** Roberto Cerón  
**DATE PREPARED:** 11/18/2013  
**REVISION DATE:** 05/16/2023

N/A = Not Applicable; N/D = Not Determined

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.