

## SAFETY DATA SHEET

D-RES 22

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name:** D-RES 22

**Company:** SYNTHEx ORGANICS, LLC  
4601 Cortland Avenue  
Altoona, PA 16601  
United States

**Telephone:** 814-941-8375

**Telefax:** 814-941-1031

**Emergency telephone number:** Call CHEMTREC Day or Night 1-800-424-9300 / +1 703-527-3887 CCN809665

**Chemical name:** Cleaner

**Chemical family:** Industrial cleaning compound

## 2. HAZARDS IDENTIFICATION

**Form:** Liquid

**Color:** Amber

**Odor:** Slight ether.

**Potential Health Effects:**

**Eye:** May cause irritation or damage.

**Skin:** May cause irritation or damage.

**Inhalation:** May cause irritation or damage.

**Oral:** May cause irritation or damage.

**Prolonged/Repeated Exposure Effects:**

**Skin:** May cause dermatitis.

**Inhalation:** No known applicable information.

**Oral:** No known applicable information.

**Eye:** No known applicable information.

**Carcinogenicity:**

NTP: No ingredients listed in this section.

IARC: No ingredients listed in this section.

OSHA: No ingredients listed in this section.

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**3. COMPOSITION / INFORMATION OF INGREDIENTS**

Chemical Name	CAS #	%	TLV/PEL
Linear Alkoxylate (proprietary)			

**4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. Get medical attention if indicated. Apply artificial respiration if necessary.

**Skin:** Flush with water, then wash exposed skin with soap and water. Launder contaminated clothing before reuse.

**Eyes:** Promptly flush eyes with large amounts of water for 15 minutes and get medical attention.

**Oral:** Drink plenty of water. Get medical attention immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

**5. FIRE FIGHTING MEASURES**

**Extinguishing media:** Water, carbon dioxide, dry chemical or foam.

**Flash point:** >200F (Pensky Closed Cup)

**Flammable limits:** Not applicable.

**Fire fighting measures:** Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Use water spray to keep fire exposed containers cool.

**Unusual fire hazards:** None known.

**6. ACCIDENTAL RELEASE MEASURES**

**Containment/Clean up:** Spills are slippery. Contain spill if without risk. Dike with absorbent materials. Wear proper protective equipment. Material should be shoveled into approved containers and disposed of in a landfill. Dispose of in accordance with all federal, state, and local regulations.

**7. HANDLING AND STORAGE**

Use with adequate ventilation. Do not get in eyes. Avoid skin contact. Do not take internally.

Use reasonable care and store away from strong reducing/oxidizing agents.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls**

**Local ventilation:** Recommended.

**Special Protection Information**

**Eyes:** Chemical goggles or face shield.

**Skin:** Rubber or impervious gloves.

**Inhalation:** Organic vapor respirator in confined spaces.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form:** Liquid

**Color:** Amber

**Odor:** Slight Ether

**pH(1% in water):** 7.6

**Specific gravity @ 20 °C:** 1.12

**Boiling point:** >210 °F

**Vapor pressure@ 20 °C:** 0.12 mm Hg

**Vapor Density:** Not applicable.

**Solubility in water:** Soluble.

**Percent volatile by volume (%):** Not applicable.

**Flash point:** >200F (Pensky Closed Cup)

**Auto-ignition temperature:** Not applicable.

**Flammable limits:** Not applicable.

**Density:** Not applicable.

**Evaporation rate (water=1):** Not applicable.

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**10. STABILITY AND REACTIVITY**

**Stability:** Stable.

**Hazardous polymerization:** Hazardous polymerization will not occur.

**Conditions to avoid:** None known.

**Materials to avoid:** Avoid contact with strong reducing/oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition may produce carbon monoxide, carbon dioxide.

**11. TOXICOLOGICAL INFORMATION**

**Component toxicology information:** N/A

**Special hazard information on components:** No known applicable information.

**12. ECOLOGICAL INFORMATION**

**Toxicity to daphnia magna (whole product):** LC50 (Daphnia magna (Water flea)): >100 mg/L

Exposure time: 48 h

Test substance: Water Accommodated Fraction

Method: OECD Test Guideline 202

Remarks: Based on data from similar materials

**13. DISPOSAL CONSIDERATIONS**

**Container disposal:** Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse, or disposal in accordance with government regulations.

**14. TRANSPORTATION REGULATIONS**

**DOT proper shipping name:** Not applicable

**DOT Hazard Class/ID number:** Not applicable.

**D.O.T. labels required:** Not applicable.

**Packing group:** Not applicable.

**Non-bulk shipping name:** Compounds, cleaning

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**15. REGULATORY INFORMATION**

**TSCA Status:** All chemical substances in this material are reported on the TSCA Inventory of Chemical Substances.

**EPA SARA Title III Chemical Listings**

**Section 302 Extremely Hazardous Substances (40 CFR 355):** None.

**Section 304 CERCLA Hazardous Substances (40 CFR 302):** None.

**Section 311/312 Hazard Class (40 CFR 370):** Immediate (acute).

**Section 313 Toxic Chemicals (40 CFR 372):** None.

**Supplemental State Compliance Information**

**California**

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

**FDA:** None.

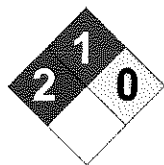
**USDA:** None.

**CERCLA:** None.

**16. OTHER INFORMATION**

**NFPA:**

Health: 2  
Flammability: 1  
Instability: 0



**Note:** NFPA = National Fire Protection Agency

The information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the health of employees and customers.

Revised October 13, 2016, C. Vincent