



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
 800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
 UNITED 894 ZYME-OUT

USE/DESCRIPTION
 Degreasing Agent and Odor Eliminator

REVISION DATE
 February 16, 2012

HMIS III HEALTH (0 = Maximum Safety) **0**

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) **0**

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) **0**

Susceptibility of Material to Burning.

4 Extremely flammable	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

PERSONAL PROTECTION: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous.

3. HAZARDS IDENTIFICATION

Eyes: May cause irritation.

Skin: Prolonged or repeated contact may cause irritation.

Inhalation: Mists of this product may irritate nasal passages.

Ingestion: Large quantities (more than a few ounces) may cause upset stomach, diarrhea, nausea, and vomiting.

4. FIRST AID MEASURES

Eyes: Flush with tepid water for at least 15 minutes. Call a physician or poison center.

Skin: Wash with soap and plenty of water. If irritation persists, call a physician or poison center.

Inhalation: Remove patient to fresh air. If irritation persists, call a physician or poison center.

Ingestion: DO NOT induce vomiting unless told to do so by a poison center or doctor. Do not give anything by mouth to an unconscious person. Call a physician or poison center immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): None

Explosive Limits: Lower (LEL): None Upper (UEL): None

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce nitrous oxides and ammoniacal vapors.

Fire and Explosion Hazards: None known.

Extinguishing Media: Dry chemical, Dry foam, Carbon dioxide, Water.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Use water spray or mist to cool fire-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Flush it with water to the nearest sewer to drain. This product may cause slippery conditions; rinse thoroughly. Remove with a wet vac or scrub area with scrubber of floor machine if available.

Large Spills: Flush it with water to the nearest sewer to drain. This product may cause slippery conditions; rinse thoroughly. Remove with a wet vac or scrub area with scrubber of floor machine if available.

7. HANDLING AND STORAGE

Keep this product in a properly labeled, tightly closed container. Do not allow this product to freeze. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended when handling the concentrated product.

Skin: Chemical resistant gloves are recommended for prolonged exposure to the concentrated product.

Respiratory: Normally not required.

Engineering Controls: Ventilation not normally required and local exhaust is usually adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F/100°C **Specific Gravity:** 1.01 (H₂O=1) **Vapor Pressure:** 17.5 mmHg **Melting Point:** ND
Vapor Density: ND **Evaporation Rate:** 1 (Water=1) **Solubility in Water:** 100% Soluble **pH:** 7-8
Appearance and Odor: Red color with strong vanilla scent.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce nitrous oxides and ammoniacal vapors.

Chemical Stability: Stable

Incompatibility: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

This product is non-toxic, biodegradable material. Consult your local, state, provincial and federal regulations for proper disposal guidelines. Small amounts (several gallons) may usually be poured down sanitary sewers. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT: Ground shipping within the US: Non-hazardous – Cleaning, Scouring or Washing Compounds, or Soaps

TDG: Ocean shipping: Non-hazardous – Cleaning, Scouring or Washing Compounds, or Soaps

UN: IATA shipping Air: Non-hazardous – Cleaning, Scouring or Washing Compounds, or Soaps

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): None

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

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