## MATERIAL SAFETY DATA SHEET

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This document is prepared pursuant to the OSHA Communication Standard (29 CFR 1910.1200.) In addition, other substances not "hazardous" per this standard may be listed. Where a proprietary ingredient is indicated, the identity may be made available as provided in this standard. 

SECTION I

PRODUCT IDENTIFICATION/GENERAL INFORMATION

Medical or Transportation Emergency Phone Number: (614) 443-7649

Telephone Number for Information: See below.

Product Identity: ROSE TERGO

Manufactured by:

Rose Products & Services, Inc.

545 Stimmel Road

Columbus, Ohio 43223-2901

(614) 443-7647

FAX (614) 443-2771

Distributed by:

Rose Products & Services, Inc.

545 Stimmel Road

Columbus, Ohio 43223-2901

(614) 443-7647

FAX (614) 443-2771

DOT Proper Shipping Name: Compound, Wash, NOI, Liquid

DOT Hazard Class: Nonhazardous.

DOT I.D. Number: NA

DOT Labels Required: None.

NFPA Ratings: H=1 F=0 R=0 S=NA

HMIS Ratings: H=1 F=0 R=0 PPE=B

Date Prepared: November 20, 2006. Supersedes: August 14, 2002. 

SECTION II

INGREDIENTS/IDENTITY INFORMATION

This section lists components which are present in concentrations of 1.0% or more except carcinogens, which are listed if present in concentrations of 0.1% or more. Components subject to the reporting requirements of SARA Title

III, Section 313 are listed in exact weight/weight percentages.

Component	CAS #	% W/W	Value Unit Type Auth
Water Amides, C8 - C18 and C18 un- sat'd. bis (hydroxyethyl)	7732-18-5 68155-07-7	3 to 5	NE
Benzenesulfonic acid, dodecyl- sodium salt	25155-30-0		NE
Triphosphoric acid, penta- sodium salt	7758-29-4		NE
Phosphoric acid, Trisodium salt	10101-89-0	3 to 5	NE

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SECTION III

PHYSICAL/CHEMICAL CHARACTERISTICS

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Boiling Point: Approx. 215°F. Specific Gravity (H2O = 1): 1.056 Vapor Pressure (mm Hg): NE Melting Point: Approx. 30°F.

Vapor Density (Air = 1): NE

Evaporation Rate: Slower.

Solubility in Water: Complete.

Appearance and Odor: Clear, viscous orange liquid with citrus (scented)

odor.

SECTION IV

FIRE AND EXPLOSION HAZARD DATA

Flash Point: None.

Flammable Limits: LEL = NA UEL = NA

Extinguishing Media:

Water, dry chemical, carbon dioxide, foam.

Special Fire Fighting

Procedures:

Wear protective clothing and self-contained breathing apparatus with full facepiece operated in a positive-pressure demand mode. Cool

containers with water to prevent rupture.

Unusual Fire and Explosion Hazards: None known.

SECTION V

\_\_\_\_\_\_\_\_ REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: None.

to Avoid):

Incompatibility (Materials Strong acids, oxidizing or reducing agents.

Hazardous Decomposition

or Byproducts:

Possible oxides of carbon, nitrogen and phosphorous in a fire.

Hazardous Polymerization: NA Conditions to Avoid: None. \_\_\_\_\_\_\_

SECTION VI

HEALTH HAZARD DATA

Routes of Entry Health Hazards (Acute and Chronic)

Eyes:

Contact.

Irritant.

Skin:

Contact.

Irritant, may cause defatting of the skin or

dermatitis on repeated contact.

Inhalation:

As spray mist.

May cause respiratory tract irritation.

\_\_\_\_\_\_\_\_\_ NA = Not applicable. NE = Not established. NL = Not listed.

November 20, 2006 (rev.)

ROSE TERGO

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SECTION VI, Continued

HEALTH HAZARD DATA

Routes of Entry

Health Hazards (Acute and Chronic)

Inhalation, Continued:

Ingestion: Acute.

May cause gastrointestinal irritation, diar-

rhea, vomiting.

Carcinogenicity:

No components listed in NTP, IARC or OSHA(Z).

Signs and Symptoms of Exposure

Eyes:

Irritation, burning, redness.

Skin:

Irritation, dermatitis.

Inhalation:

Coughing, wheezing.

Ingestion:

Gastrointestinal distress.

Medical Conditions Generally Aggravated by Exposure:

EMERGENCY AND FIRST AID PROCEDURES

Eyes:

Flush with plenty of clean water for at least 15 minutes,

lifting eyelids. Get medical attention immediately.

Skin:

Flush affected area thoroughly with water. If irritation

persists, get medical attention.

Inhalation:

Remove victim to fresh air. If breathing has stopped, give

artificial respiration. Call a physician immediately.

Inquestion:

Do not induce vomiting. Drink one or two glasses of water. Call a physician immediately. Never give anything by mouth

to an unconscious person.

SECTION VII

PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case

Material is Released or

Spilled:

Observe precautions listed in other sections. Isolate leaking containers. Dike area and recover by using absorbent or by mechanical

means. Flush area with water to wastewater

treatment system. 

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SECTION VII, Continued

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PRECAUTIONS FOR SAFE HANDLING AND STORAGE

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Waste Disposal Method:

Flush spent solutions and small product quantities (less than 5 gallons) to a wastewater treatment system. Reduce discharge rate if foaming occurs. Dispose of larger quantities in accordance with federal, state and local regulations.

Precautions to Be Taken in Handling and Storage:

Store in a secure area away from water, food, feed, drugs or clothing. Protect from temperature extremes. Keep container closed when not in use.

Other Precautions:

Empty containers retain residues and may be hazardous. Do not reuse empty container, offer for reconditioning or recycling.

SECTION VIII

CONTROL MEASURES \_\_\_\_\_\_\_

Respiratory Protection:

If vapor or mist cannot be controlled by ventilation, wear a NIOSH/MSHA approved respirator.

Ventilation:

Local exhaust meeting ACGIH criteria as needed to control vapor or spray mist.

Protective Gloves:

Rubber, vinyl or neoprene.

Eye Protection:

Chemical splash eyewear.

Other Protective Equipment:

Wear impervious clothing as necessary to pre-

vent contact with material.

Work/Hygenic Practices:

Wash thoroughly after handling. Launder con-

taminated clothing before reuse.

The information contained herein represents current data and best opinion as to the proper use and handling of this material under normal circumstances. Any use of this material which is not in conformance with this Material Safety Data Sheet and the product label, or involves the use of this material in combination with any other material or process, is the responsibility of the user.

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