

Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET
NUMBER: 01227
ISSUE DATE: 24 September 1996
LATEST REVISION: 1 JAN 2006

1. CHEMICAL PRODUCT:

Goldwell Topchic Lotion 12%
Item Number: 01227 ASD
General Use: Hair Color Developer
Container: Plastic Bottle

COMPANY IDENTIFICATION:

KPSS, Inc.
981 Corporate Blvd.
Linthicum Heights, MD 21090-2227

For Information:

During Business hours: (410) 850-7555
24-Hour Emergency Response: (800) 424-9300
(CHEMTREC)

2. COMPOSITION (HAZARDOUS COMPONENTS):

<u>COMPONENT</u>	<u>WEIGHT (%)</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH TLV</u>
Hydrogen Peroxide	12%	7722-84-1	TWA 1 ppm 1.4 mg/m ³	TWA 1 ppm 1.4 mg/m ³
Phosphoric Acid	<0.5%	7664-38-2	TWA 1 mg/m ³ STEL 3 mg/m ³	TWA 1 mg/m ³ STEL 3 mg/m ³

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW:

Milky white free flowing liquid; oxidizer; releases oxygen during fire. Causes eye irritation, can cause respiratory irritation. May cause skin irritation to some people.

POTENTIAL HEALTH EFFECTS:

EYE: This material causes severe eye irritation which may result in permanent eye injury.

SKIN: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION: Repeated or prolonged inhalation may cause toxic effects.

INGESTION: Substance may be harmful if swallowed.

4. FIRST AID:

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

SKIN: Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

4. FIRST AID: (continued)

INHALATION: This product is a potential respiratory system irritant. If exposed to excessive levels of fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE FIGHTING MEASURES:

Flashpoint and Method: n/a
 Flammable Limits: n/a
 Automatic Ignition Temp: n/a

General Hazard: Oxidizing material. Product decomposes to oxygen which may intensify fire in combustible surroundings.

Fire-Fighting Media: Water, dry chemical, carbon dioxide, foam.

Special Fire-Fighting Equipment: Respiratory and eye protection required for fire-fighting personnel. Full protective equipment (bunker gear) and a self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires which may easily be extinguished with a portable fire extinguisher, use of any SCBA may not be required.

6. ACCIDENTAL RELEASE MEASURES:

Flood area with water and drain to an approved chemical sewer or wastewater treatment system, including municipal sewers if approved. May be destroyed with sodium metabisulfate or sodium sulfite (1.9 lbs. SO₂ equivalent per lb. of peroxide). Small spills should be mopped up and flushed with plenty of water. DO NOT absorb spills with combustible materials such as sawdust or clean up with non-electrically approved appliances (e.g. shop vac's) Material is to be disposed of in accordance with Section 13.

7. HANDLING AND STORAGE:

Storage Temperature: Ambient

Storage Pressure: Atmospheric

General: Do not splash on skin, eyes or clothing. Keep container closed. Loosen closure cautiously before opening. Contents may develop pressure upon prolonged storage. Store in a cool, well ventilated place away from incompatible materials (see stability and reactivity, Section 10). Keep away from heat, sparks and flame. Protect material from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Use in well ventilated area. For most conditions, no respiratory protection should be needed; however, a NIOSH approved respirator should be used where TLV or PEL may be exceeded.

SKIN PROTECTION: Use impervious gloves such as neoprene.

EYE PROTECTION: If there is potential for direct eye contact with this product during liquid transfer operation, personnel should wear safety glasses or goggles.

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during the use of this product. See Section 2 for component exposure guidelines.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Milky White Solution
Odor: Acrylic
Odor Threshold Level: n/d
Physical State: Liquid
pH: 2.00
Vapor Pressure: n/d
Vapor Density: n/d
Melting Point: n/a

Solubility in Water: complete
Specific Gravity: 1.01 g/mL (H₂O = 1)
Evaporation Rate: n/d
Viscosity: n/a
Percent Volatile: n/a
Molecular Weight: n/d
n/d = not determined
n/a = not applicable

10. **STABILITY AND REACTIVITY:**

STABILITY (Conditions to Avoid): Avoid exposure to heat, contamination or sunlight.

INCOMPATIBILITY (Specific Material to Avoid): Flammable or combustible materials, sources of contamination such as reducing agents, heavy metals, rust, dirt, organic materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen, which supports combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

11. **TOXICOLOGICAL INFORMATION:**

It is not legally required to test cosmetic products by means of animal tests. For toxicological information for chemical ingredients listed in section 2 or on the ingredients label, write to the address listed in Section 1 of this MSDS.

12. **ECOLOGICAL INFORMATION:**

Based on the chemical composition, it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities.

Avoid discharges of Hydrogen Peroxide (H₂O₂) solutions into storm drains or public waterways. Concentrations over about 40ppm have been found to be toxic to aquatic life.

13. **DISPOSAL CONSIDERATIONS:**

Topchic Lotion is considered to be a hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261 as a material which exhibits the characteristic of ignitability. The appropriate RCRA waste code is D001. Consult state and local regulations regarding the proper disposal of this material.

(Note: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.)

14. **TRANSPORT INFORMATION:**

D.O.T. Shipping Name: Hydrogen Peroxide Aqueous Solutions

D.O.T. Hazard Class: 5.1, PG III

U.N. Number: UN 2984

Product RQ not listed

Note: May be shipped as Consumer Commodity ORM-D for ground transportation within the United States when packaging meets that definition.

15. REGULATORY INFORMATION:

TSCA (Toxic Substance Control Act): This product is not on the TSCA Inventory list as its intended use is for cosmetic purposes, however this product has met all of the requirements of the Federal Food, Drug, and Cosmetic Act.

CERCLA (Comprehensive Response Compensation and Liability Act): This product contains Phosphoric Acid which has a Reportable Quantity (RQ) of 5000 pounds (2270 kg) or greater. Due to the low percentage found in this product, it is extremely unlikely that this quantity could be achieved, even in batch quantities.

EPA, SARA Title III (Superfund Amendments and Reauthorization Act) Chemical Listing:

Section 302 Extremely Hazardous Substances:	None
Section 304 CERCLA Hazardous Substances:	None in regulated quantities
Section 312 Hazard Class:	Acute: Yes
	Chronic: No
	Fire: No
	Pressure: No
	Reactive: Yes

Section 313 Toxic Chemicals: None present or none present in regulated quantities

16. OTHER INFORMATION:

LABEL INFORMATION:

All containers of this product must be labeled with the appropriate item number as defined in Section 1 of this MSDS as well as the appropriate batch number.

WARNING: Contains hydrogen peroxide. Store in a cool place. Protect from sunlight, and avoid contamination. Avoid contact with eyes. Should contact with eyes occur, flush immediately with cool water. Keep out of reach of children.

HMIS:

Health: 2

Flammability: 0

Reactivity: 1

Personal Protection Index: X (to be specified by the user depending on use conditions)

NFPA:

No data found.

All information on this MSDS should be passed on to appropriate employees and downstream users. To the best of our knowledge, the information contained herein is accurate. However, neither KPSS, Inc. nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. No warranty is implied. Since conditions of use are beyond the control of KPSS, Inc., user assumes all risks and responsibility.

Prepared By:
A. Winslow Sully
D. Nogal

Date of last revision:
03/13/97
5/1/2005