

# Material Safety Data Sheet

**MATERIAL SAFETY DATA SHEET**  
**NUMBER: 227709**  
**ISSUE DATE: October 20,2005**

**1. CHEMICAL PRODUCT:**

GW Styling Hot Darling  
Item Number: 227709

**COMPANY IDENTIFICATION:**

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

**For Information:**

During Business hours: 410-850-7555  
24-Hour Emer.Response: 800-424-9300  
(Chemtrec)

**2. COMPOSITION/INFORMATION ON INGREDIENTS:**

<u>COMPONENT</u>	<u>WEIGHT (%)</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH TLV</u>
Ethanol	5 %	64-17-5	TWA 1000 ppm	TWA 1000ppm

**3. HAZARDS IDENTIFICATION:**

**EMERGENCY OVERVIEW:**

White, flammable liquid with an ethanolic odor. Irritating to eyes, can cause respiratory irritation.

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**EYE CONTACT:** Eye irritation from liquid contact may occur and can range from mild to severe depending on concentration and duration of contact.

**SKIN CONTACT:** This product is not likely to irritate the skin, however, allergic reactions are possible.

**INGESTION:** Small amounts (one tablespoon) is not likely to cause injury; swallowing amounts larger than that may result in depression and alcoholic intoxication.

**4. FIRST AID:**

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing with plenty of water.

**SKIN:** Not expected to be a problem. Should allergic reaction develop, consult a dermatologist.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen may be given by qualified personnel. Get immediate medical attention.

**INGESTION:** General precautionary measures suggest inducing vomiting. Never give anything by mouth to an unconscious person. Call a physician.

## 5. **FIRE FIGHTING MEASURES:**

Flashpoint: 29°C / 79 °F

Flammable Limits: not determined

Auto Ignition Temperature: not determined

**General Hazard:** Flammable liquid, moderate explosion hazard when exposed to fire (due to ethanol).

**Fire-Fighting Media:** Water spray, foam, dry chemical, carbon dioxide (CO<sub>2</sub>)

**Fire Fighting Procedures:** As in any fire, wear self-contained breathing apparatus, pressure demand, ( MSHA/NIOSH approved or equivalent ) and full protective gear. Evacuate areas in case of overheating or fire. Heat exposure pressurizes closed containers. Cool with water spray.

**Unusual Fire Hazards:** Fire burns more vigorously than would be expected. Vapors are heavier than air and can travel along ground to remote ignition sources. Static electricity may accumulate and ignite vapors. Prevent a possible fire hazard by suitable means, such as bonding and grounding, inert gas purge, vapor dilution, and the like.

**Hazardous Decomposition Products:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon dioxide and carbon monoxide.

## 6. **ACCIDENTAL RELEASE MEASURES:**

Eliminate sources of ignition. Ventilate area to reduce alcohol fume concentration. For small spills, mop up, or wipe up, or soak with absorbent material and contain for salvage or disposal. For large spills, provide diking or other appropriate containment to keep material from spreading. Absorb material with an inert material (e.g. dry sand, or earth) DO NOT use combustible materials such as sawdust. DO NOT vacuum spilled material with unapproved electrical equipment such as "shop vac's". Use plastic or aluminum shovel to transfer absorbed waster material into UN approved drums. Clean any remaining slippery surfaces by appropriate techniques, such as, several moppings or swabbings with appropriate solvents; washing with mild caustic detergents or solvents. Observe all personal protection equipment recommendations described in Sections 5 & 8. Material is to be disposed of in accordance with Section 13. Local, state, and federal requirements may apply to spills or releases of this material into the environment. Refer to Section 15 for appropriate regulatory requirements.

**7. HANDLING AND STORAGE:****Storage Temperature:** Ambient**Storage Pressure:** Atmospheric

Keep away from heat and flame. When handling this product, avoid contact with eyes and promptly clean up any spillage. Store away from oxidizing materials. Local, state, and federal regulations may require special storage arrangements and/or provisions for quantities stored above the exempt limitations for Class 1B Flammable Liquids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

**RESPIRATORY:** 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:** No precautions other than clean body-covering clothing should be needed.

**EYE:** Safety glasses or chemical goggles.

**EXPOSURE GUIDELINES:** None established for this material as a whole.. This product does contain a high concentration of Ethanol for which the ACGIH TLV and OSHA PEL are 1000 ppm.

**ENGINEERING CONTROLS:** Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during the use of this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES:****Appearance:** clear**Odor:** characteristic**Odor Threshold Level:** n/d**Physical State:** liquid**Ph:** 5,3 – 5,7**Vapor Pressure:** n/d**Vapor Density:** n/d**Melting Point:** n/a**Solubility in Water:** miscible**Specific Gravity:** 0.9910 – 0,9940**Evaporation Rate:** n/d**Percent Volatiles:** n/d**Molecular Weight:** n/d

n/d = not determined

n/a = not applicable

**10. STABILITY AND REACTIVITY:**

**GENERAL:** This product is stable and hazardous polymerization will not occur.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:** This product is capable of reacting vigorously with oxidizing agents such as peroxides and persulfates (bleach powders). Keep this product away from heat or ignition sources.

**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:**

No data are available on the adverse effects of this material on the environment. 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 as long as dilution is sufficient to bring the flash point above 140° F.

**13. DISPOSAL CONSIDERATIONS:**

Although not specifically listed as a hazardous waste, this product contains Ethyl Alcohol (FP 56°F) which gives it the "Characteristic of Ignitability" (i.e. a FP < 140° F). Thus, if discarded, it would be classified as an ignitable hazardous waste with the appropriate waste number D001.

Consult an expert on the disposal of recovered material, Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations.

**14. TRANSPORT INFORMATION:**

D.O.T. Shipping Name: Ethanol solutions or Ethyl alcohol solutions

D.O.T. Hazard Class: 3, PG III

U.N. Number: UN 1170

Product RQ not listed

Note: May be shipped as Consumer Commodity, ORM-D when packaging meets that definition.

**15. REGULATORY INFORMATION:**

TSCA ( Toxic Substance Control Act ): This product is not on the TSCA inventory list as it's 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): None of the ingredients of this product are listed as a hazardous substance and therefore are not reportable under CERCLA. Releases of 100 lbs. or more of waste ethyl alcohol, intended to be discarded are reportable as unlisted hazardous substances based on the characteristic of ignitability.

**EPA, SARA Title III Chemical Listing:**

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

Section 313 Toxic Chemicals: None present or none present in regulated quantities  
Custom Number: 33059090

**16. OTHER INFORMATION:**

**LABEL INFORMATION:** All containers of LC2 Fluids must be labeled with the appropriate item number as defined in Section 1 of this MSDS as well as the appropriate batch number.

**Each container should bear the statement:** CAUTION: Flammable, Do not use near open flame or while smoking. Avoid spraying in eyes. Keep out of reach of children.

**HMIS:**

Health: 1

Flammability: 3

Reactivity: 0

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

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 Goldwell Cosmetics USA, 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 Goldwell Cosmetics, user assumes all risks and responsibility.