

KPSS Inc.

Revision: 24.11.2005, Date printed: 10.08.2010

**01. Chemical Product and Company Information**

**Product:** GW StyleSign Big Finish

**Use:** See product information

**Article number:** 227844 300ml, 227845 500ml, 227884 100ml

**Company:** KPSS Inc.

Linthicum Heights, MD 21090

**Phone:** 001410-850-7555

**Fax:**

**E-mail:**

**Homepage:** www.kpss-hair.com

**Emergency phone:** 24 Hour Emergency 1-703-527-3887 (Chemtrec)

**02. Composition / Information on Ingredients**

CAS	Substance	Percent
75-37-6	1,1-Difluorethane	20 - < 40
115-10-6	Dimethyl ether	1 - < 20
64-17-5	Ethanol	30 - < 40
67-63-0	Propan-2-ol	1 - < 5

**03. Hazards identification**

R 12: Extremely flammable.

<b>0</b>	<b>HEALTH</b>
<b>4</b>	<b>FLAMMABILITY</b>
<b>1</b>	<b>REACTIVITY</b>
<b>I</b>	<b>PERSONAL PROTECTION</b>

**HMIS Ratings**

**Hazard Scale:**

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe \*=Chronic  
(safety glasses, gloves and a dust/vapor respirator)

**04. First aid measures**

General information:	Change soaked clothing.
Inhalation:	In the event of symptoms seek for medical treatment.
Skin contact:	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion:	not applicable
Advice to doctor:	Treat symptomatically.

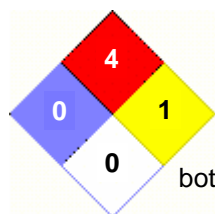
**05. Fire-fighting measures**

Suitable extinguishing media:	Foam. Dry powder. Water spray jet. Carbon dioxide.
Extinguishing media that must not be used:	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion	Risk of formation of toxic pyrolysis products.

products:

Special protective equipment for firefighters: Use self-contained breathing apparatus.

Additional information: Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.



**NFPA Ratings: Hazard Scale**

top = flammability: 0=Not combustible 1=Combustible 2=Caution 3=Warning 4=Danger

left = health: 0=No unusual hazard 1=Caution 2=Warning 3=Warning 4=Danger

right = reactivity: 0=Stable 1=Caution 2=Warning 3=Danger 4=Danger

bottom=special notice: W = water reactive OX = oxidizing agent

**06. Accidental release measures**

Personal precautions: Ensure adequate ventilation. Keep away from all sources of ignition.  
 Environmental precautions: not applicable  
 Methods for cleaning up: Dispose of absorbed material in accordance within the regulations. Take up mechanically.

**07. Handling and storage**

Advice on safe handling: Use only in well-ventilated areas.  
 Advice on protection against fire and explosion: Keep away from all sources of ignition - Refrain from smoking.  
 Requirements for storage rooms and vessels: Provide solvent-resistant and impermeable floor.  
 Advice on storage compatibility: Do not store together with oxidizing agents.  
 Further information on storage conditions: Keep container in a well-ventilated place. Protect from heat/overheating.

**08. Exposure controls / personal protection**

**Additional advice on system design:**  
 Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: (US)			
Substance	[ppm]*	[mg/m <sup>3</sup> ]*	General remarks:
1,1-Difluorethane	-	-	
Dimethyl ether	1000	-	OSHA PEL
Ethanol	1000	1900	
Propan-2-ol	400	980	

\* LTEL: Long-term exposure limit

Respiratory protection: not applicable  
 Hand protection: none  
 Eye protection: Safety glasses.  
 Skin protection: none  
 General protective measures: Do not inhale aerosols. Avoid contact with eyes and skin.

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Hygiene measures: Do not eat, drink, smoke or take drugs at work. Wash hands before breaks and after work. Use barrier skin cream.

Delimitation and monitoring of the environmental exposition: not determined

**09. Physical and chemical properties**

Form: aerosol  
Color: yellowish  
Odor: characteristic  
pH-value: not applicable  
pH-value (1 %): not applicable  
Boiling point [°C]: not applicable  
Flash point [°C]: not applicable  
Flammability [°C]: not applicable  
Lower explosion limit: not determined  
Upper explosion limit: not determined  
Combustible properties: no  
Vapour pressure [kPa]: not applicable  
Density [g/ml]: ca. 0,85 20°C  
Bulk density [kg/m³]: not applicable  
Solubility in water: miscible  
Partition coefficient n-octanol/water (log Pow): not determined  
Viscosity: not applicable  
Relative vapour density determined in air: not applicable  
Evaporation speed: not applicable  
Melting point [°C]: not applicable  
Autoignition temperature [°C]: not applicable  
Decomposition temperature [°C]: not applicable

**10. Stability and reactivity**

Hazardous reactions: Risk of bursting. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

Hazardous decomposition products: No hazardous decomposition products known.

**11. Toxicological information**

Acute oral toxicity OECD 401: not determined

Experiences made in practice: none

General remarks: Toxicological data are not available. The product was classified on the basis of the calculation procedure of the preparation directive.

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## 12. Ecological information

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Behaviour in environment compartments:	not determined
Behaviour in sewage plant:	not determined
Bacteria toxicity:	not determined
Biological degradability:	not determined
COD:	not determined
BOD 5:	not determined
AOX-advice:	not applicable
2006/11/EC:	yes
General information:	Ecological data are not available.

## 13. Disposal considerations

### US EPA Waste Number & Descriptions

**Disposal / Product:** For recycling, consult manufacturer. Dispose of as hazardous waste.

**Disposal / Contaminated packaging:** Uncontaminated packaging may be taken for recycling.

### RCRA Hazard Class (40 CFR 261)

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

## 14. Transport information

### DOT Road Shipment Information (49 CFR 172.101)

<b>Hazard Class:</b>	2
<b>Proper Shipping Name:</b>	UN 1950 AEROSOLS, 2.1,
<b>UN/NA Number:</b>	UN 1950
<b>Hazard Label(s)-Number:</b>	2.1
<b><u>Classification according to IMDG:</u></b>	2.1
Declaration:	UN 1950, Aerosols, 2.1
Labelling:	Aerosols, UN 1950, Class: 2.1
Label:	2.1
LQ [l, kg]:	1 l
EmS:	F-D, S-U

**Classification according to IATA:** 2.1

Declaration:	Aerosols, flammable, Class: 2.1 UN 1950
Labelling:	Aerosols, flammable UN 1950
Label:	2.1

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## 15. Regulatory information

Contents of this Material Safety Data Sheet comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### Inventory Status

**United States (TSCA):** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

**European Union (EINECS/ELINCS):** All chemicals in this product are included on the European Inventory of Existing Commercial Chemical Substances - EINECS or ELINCS

### Federal Regulations

**SARA Sections 302** This product does not contain any ingredients regulated under this list.

**SARA Sections 313** One or some ingredient(s) are listed under this regulation.

### European

**classification** This preparation is excluded as cosmetics from the regulation 1999/45/EEC.

### **Hazard symbols:**



Extremely flammable.

R 12: Extremely flammable.

S 23.4: Do not breathe spray. S 51: Use only in well-ventilated areas.

### **Special labelling for certain preparations**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children.

## 16. Other informations

R 11: Highly flammable.

R 12: Extremely flammable.

R 36: Irritating to eyes.

R 67: Vapours may cause drowsiness and dizziness.

### 16.1 Sources of documentation

#### **Key / Legend**

ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; EINECS = European Inventory of Existing Commercial Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TSCA = Toxic Substances Control Act

#### **Disclaimer**

This Information is based on our present state of knowledge. It should not be constructed as guaranteeing specific properties of the materials described or their suitability for a particular application. Existing regulations must be observed by the recipient of our material under their own responsibility.

**Safety Data Sheet 91/155/EEC (US)**

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**16.2 Modified position**

none

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