

Safety Data Sheet 91/155/EEC (US)

GW StyleSign Magic Finish Spray

KPSS Inc.

Revision: 24.11.2005, Date printed: 10.08.2010

01. Chemical Product and Company Information

Product: GW StyleSign Magic Finish Spray

Use: See product information

Article number: 227900 300ml, 227901 500ml

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.

| | |
|----------|----------------------------|
| 0 | HEALTH |
| 4 | FLAMMABILITY |
| 1 | REACTIVITY |
| I | PERSONAL PROTECTION |

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. |

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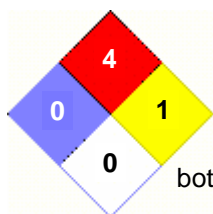
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products:

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 ³]* | 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)

| | |
|---|-------------------------------|
| Hazard Class: | 2 |
| Proper Shipping Name: | UN 1950 AEROSOLS, 2.1, |
| UN/NA Number: | UN 1950 |
| Hazard Label(s)-Number: | 2.1 |
| <u>Classification according to IMDG:</u> | 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 2.1

IATA:

| | |
|--------------|---|
| 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.

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|-------------------------------|
| 16.2 Modified position |
|-------------------------------|

none
