

Material Safety Data Sheet - USA

GW StyleSign Double Boost

KPSS Inc.

Revised: 24.10.2005

01. Chemical Product and Company Information

Product: GW StyleSign Double Boost

Use: Styling product

Article number: 227839 200ml

Company: KPSS Inc.

Linthicum Heights, MD 21090

Phone: 001410-850-7555

Fax:

eMail:

Homepage: www.kpss-hair.com

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

02. Composition / Information on Ingredients

CAS	Substance	Percent
115-10-6	Dimethyl ether	15 - < 25
106-97-8	Butane	1 - < 10

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 refer 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.

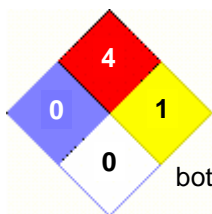
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05. Fire-fighting measures

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 products	Risk of formation of toxic pyrolysis 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 with 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 sources of ignition.
Environmental precautions	Not applicable.
Methods for cleaning up/taking up	Dispose of absorbed material in accordance with 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 sources of ignition - refrain from smoking.
Requirements for storage rooms and vessels	Keep only in original container.
Advice on storage compatibility	Do not store together with oxidizing agents.
Further information on storage conditions	Protect from heat/overheating. Keep in a cool place, heat causes increase in pressure and risk of bursting. Keep container in a well-ventilated place.

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08. Exposure controls / personal protection

Additional advice on system design

Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: USA

Substance	LTEL[ppm]	LTEL[mg/m ³]	General remarks
Butane	1000	1800	NIOSH
Dimethyl ether	1000		OSHA PEL

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.
Hygiene measures	At work do not eat, drink, smoke or take drugs. 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.	Vapour pressure [kPa]:	Not applicable.
Colour:	Cloudy.	Density [g/ml]:	1,00 (20°C)
Odour:	Characteristic.	Bulk density [kg/m³]:	Not applicable.
pH-value:	8,2-8,4	Solubility in water:	Immiscible.
pH-value, 1%	Not applicable.	Partition coefficient: n-octanol / water:	Not determined.
Boiling point [°C]:	Not applicable.	Viscosity:	Not applicable.
Flash point [°C]:	Not applicable.	Relative vapour density determined in air:	Not applicable.
Flammability:[°C]	Not applicable.	Evaporation speed:	Not applicable.
Lower explosion limit:	Not determined.	Melting point [°C]:	Not applicable.
Upper explosion limit:	Not determined.	Autoignition temperature [°C]:	Not applicable.
Combustible properties:	No.	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.

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11. Toxicological information

Acute oral toxicity OECD 401	Not determined.
Experiences made in practice	None.
General remarks	No toxicological data are available. The product was classified on the basis of the calculation procedure of the preparation directive.

12. Ecological information

AOX-advice	Not applicable.
76/464/EC	Not applicable.
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. Packaging that cannot be cleaned should be disposed of as for product.

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.

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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 Aerosole
Hazard Label(s)-Number: 2.1
Classification according to IMDG: 2.1
Declaration: UN 1950, Aerosols, 2.1
Labelling: Aerosols, UN 1950, Class: 2.1
Label: 2.1
LQ, [l/kg]: 1
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: Flammable Gas

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.

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16. Other informations

R 12: Extremely flammable.

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.

16.2 Modified position:

None.