

KPSS Inc.

Revised: 24.11.2005

01. Chemical Product and Company Information

Product: GW Styling Flexi Whip

Use: Styling product

Article number: 227790=100ml, 227791=300ml, 227792=500ml,

Company: KPSS Inc.

Linthicum Heights, MD 21090

Phone: 001410-850-7555

Fax:

eMail:

Homepage: www.kpss-hair.com

Emergency phone: 24 Hour Emergency 800-424-9300 (Chemtrec)

02. Composition / Information on Ingredients

CAS	Substance	Percent
	Propane/Butane	1 - < 10
	Polydimethylsiloxane with Aminoalkyl group	1 - < 5
112-02-7	Cetrimonium chloride	< 1

03. Hazards identification

R 12: Extremely flammable.

0	HEALTH
4	FLAMMABILITY
1	REACTIVITY
1	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

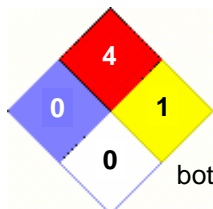
General information	Change soaked clothing.
Inhalation	In the event of symptoms refer for medical treatment.
Skin contact	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact	In case of contact with eyes rinse thoroughly with plenty of water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

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** 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
Propane/Butane	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.

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09. Physical and chemical properties

Form:	Aerosol.	Vapour pressure [kPa]:	Not applicable.
Colour:	Colourless.	Density [g/ml]:	ca. 1,01 (20°C)
Odour:	Characteristic.	Bulk density [kg/m³]:	Not applicable.
pH-value:	7,4-7,9	Solubility in water:	Miscible.
pH-value, 1%:	Not applicable.	Partition coefficient: n-octanol / water:	Not determinated.
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 determinated.	Melting point [°C]:	Not applicable.
Upper explosion limit:	Not determinated.	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.

11. Toxicological information

Acute oral toxicity OECD 401	Not determinated.
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	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 Aerosole
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
EmS:	F-D, S-U
<u>Classification according to IATA:</u>	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 This product does not contain any ingredients regulated under this list.

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

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- R 12: Extremely flammable.
- R 22: Harmful if swallowed.
- R 36: Irritating to eyes.
- R 38: Irritating to skin.
- R 41: Risk of serious damage to eyes.
- R 50: Very toxic to aquatic organisms.

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.