

KPSS Inc.

Revised: 14.11.2005

01. Chemical Product and Company Information

Product: GW CARE Curl Definition Serum

Use: See product designation

Article number: 205876=18ml, 229956=12x18ml,

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
64-17-5	Ethanol	10 - < 20
68002-62-0	Quaternary ammonium compounds, C16-18-alkyltrimethyl, chlorides	0,1 - < 1
298-12-4	Glyoxylic acid	0,1 - < 1

03. Hazards identification

R 10: Flammable. R001: May produce an allergic reaction.

0	HEALTH
2	FLAMMABILITY
0	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	Ensure supply of fresh air. 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 water. In the event of symptoms refer for medical treatment.
Ingestion	Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.
Advice to doctor	Treat symptomatically.

05. Fire-fighting measures

Suitable extinguishing media	Alcohol-resistant 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.

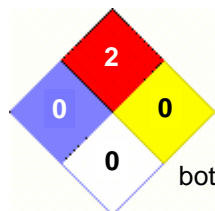
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Special protective equipment for firefighters Use self-contained breathing apparatus.

Additional information 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. High risk of slipping due to leakage/spillage of product.

Environmental precautions Do not discharge into the drains/ surface waters/ groundwater. Prevent spread over a wide area (e.g. by containment or oil barriers).

Methods for cleaning up/taking up Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with the regulations.

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 None.

Further information on storage conditions Keep container tightly closed. 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
Ethanol	1000	1900	

* LTEL: Long-term exposure limit

Respiratory protection Not applicable.

Hand protection Not applicable.

Eye protection Safety glasses.

Skin protection Not applicable.

General protective measures Avoid contact with eyes. Do not inhale gases/vapours/aerosols.

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:	Liquid.	Vapour pressure [kPa]:	Not determined.
Colour:	Various.	Density [g/ml]:	ca. 0,98 (20°C)
Odour:	Characteristic.	Bulk density [kg/m³]:	Not applicable.
pH-value:	4-4,5	Solubility in water:	Miscible.
pH-value, 1%:	Not determined.	Partition coefficient: n-octanol / water:	Not determined.
Boiling point [°C]:	Not determined.	Viscosity:	Not applicable.
Flash point [°C]:	39	Relative vapour density determined in air:	Not determined.
Flammability:[°C]	Not determined.	Evaporation speed:	Not determined.
Lower explosion limit:	Not determined.	Melting point [°C]:	Not determined.
Upper explosion limit:	Not determined.	Autoignition temperature [°C]:	Not applicable.
Combustible properties:	No.	Decomposition temperature [°C]:	Not applicable.

10. Stability and reactivity

Hazardous reactions	Reactions with strong oxidizing agents.
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	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	None.
76/464/EC	None.
General information	Ecological data are not available.

13. Disposal considerations**US EPA Waste Number & Descriptions**

Disposal / Product Disposal in an incineration plant in accordance with the regulations of the local authorities.

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.

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14. Transport information

DOT Road Shipment Information (49 CFR 172.101)

Hazard Class:	3
Proper Shipping Name:	UN 1266 Perfumery products, 3, III
UN/NA Number:	UN 1266
Hazard Label(s)-Number:	3
<u>Classification according to IMDG:</u>	3
Declaration:	UN 1266, Perfumery products, 3 , PG: III (39°C c.c)
Labelling:	Perfumery products, UN 1266, Class: 3
Label:	3
LQ, [l/kg]:	5
EmS:	F-E, S-D
<u>Classification according to IATA:</u>	3 III
Declaration:	Perfumery products, Class: 3 UN 1266 III
Labelling:	Perfumery products UN 1266
Label:	Flammable Liquid

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

R 10: Flammable. R001: May produce an allergic reaction.
S 23.4: Do not breathe spray. S 51: Use only in well-ventilated areas.

Special labelling for certain preparations

Not applicable.

16. Other informations

R 11: Highly flammable.
R 22: Harmful if swallowed.
R 34: Causes burns.

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R 41: Risk of serious damage to eyes.

R 43: May cause sensitisation by skin contact.

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.