

Elumen CC Spray

Article number 201281= 150ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 10.08.2012, Revision 10.08.2012

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SECTION 1: Identification of the substance / preparation and of the company**Product identifier****Elumen CC Spray**
Article number 201281= 150ml**Relevant identified uses of the substance or mixture and uses advised against**

Care spray

Identified use

Cosmetics

Company

KAO USA Inc.

Linthicum Heights, MD 21090 / USA
Phone 001410-850-7555**Address enquiries to****Emergency phone Advisory body**

CHEMTREC: +1 703 527-3887 (24h)

Safety Data Sheet

sdb@chemiebuero.de

SECTION 2: Hazards identification**Emergency Overview****Appearance, Odor:**liquid, colourless
clear, characteristic

CAUTION

COMBUSTIBLE LIQUID AND VAPOR.

OSHA Regulatory Status

This product is defined as an Cosmetics. Therefore, this product is exempt from requirements of the hazard communication standard, 29 CFR1910.1200.

Potential health effects**Potential environmental effects**

Does not contain any PBT or vPvB substances.

SECTION 3: Composition / Information on ingredients

The product is a mixture.

Range [%]	Substance
1 - <5	Ethanol
	CAS: 64-17-5

Comment on component partsSubstances of Very High Concern - SVHC: substances are not contained or are below 0,1%. All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.
For the wording of the listed risk phrases refer to SECTION 16.**SECTION 4: First aid measures****Description of first aid measures****Inhalation**Change soaked clothing.
Ensure supply of fresh air.**Skin contact**In the event of symptoms seek for medical treatment.
In case of contact with skin wash off with warm 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.

IngestionIn the event of symptoms seek for medical treatment.
Rinse out mouth and give plenty of water to drink.**Indication of any immediate medical attention and special treatment needed**Do not induce vomiting.
Treat symptomatically.

Forward this sheet to the doctor.

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SECTION 5: Fire-fighting measures

Suitable extinguishing media	Alcohol-resistant foam. Dry powder. Carbon dioxide. Water spray jet.
Extinguishing media that must not be used	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products	Unknown risk of formation of toxic pyrolysis products.
Special protective equipment for firefighters	Use self-contained breathing apparatus.
Additional information	Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations. Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	High risk of slipping due to leakage/spillage of product.
Environmental precautions	Do not discharge into the drains/surface waters/groundwater.
Methods and material for containment and cleaning up	Take up with absorbent material (e.g. general-purpose binder). Dispose of absorbed material in accordance within the regulations.

SECTION 7: Handling and storage

Precautions for safe handling	No special measures necessary if used correctly.
Advice on protection against fire and explosion	Keep away from all 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	Keep container tightly closed. Protect from heat/overheating.

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SECTION 8: Exposure controls / personal protection**Additional advice on system design** Ensure adequate ventilation on workstation.**Ingredients with occupational exposure limits to be monitored (US)**

Range [%]	Substance
1 - <5	Ethanol
	CAS: 64-17-5, EINECS/ELINCS: 200-578-6, EU-INDEX: 603-002-00-5, ECB-Nr.: 01-2119457610-43-xxxx
	Long-term exposure: 1000 ppm, 1900 mg/m ³ , OSHA, NIOSH

Respiratory protection

not applicable

Hand protection

The details concerned are recommendations. Please contact the glove supplier for further information.

In full contact

butyl rubber, > 120 min (EN 374)

Eye protection

Safety glasses.

Skin protection

not applicable

General protective measures

Avoid contact with eyes and skin.

Do not inhale vapours.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.

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

See SECTION 6+7.

SECTION 9: Physical and chemical properties

Form	liquid
Color	colourless
	clear
Odor	characteristic
pH-value	4,0 - 4,5
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	63 - 67
Flammability [°C]	not determined
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/ml]	0,985 - 1,005 (20 °C / 68,0 °F)
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	not applicable
Relative vapour density determined in air	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Autoignition temperature [°C]	not applicable
Decomposition temperature	not determined

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SECTION 10: Stability and reactivity

Reactivity	No dangerous reactions known if used as directed.
Chemical stability	The product is stable under standard conditions.
Possibility of hazardous reactions	Reactions with strong oxidizing agents. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Conditions to avoid	See SECTION 7.2. Strong heating.
Incompatible materials	not determined
Hazardous decomposition products	No hazardous decomposition products known.

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity**

Range [%]	Substance
1 - <5	Ethanol, CAS: 64-17-5
	NOAEL, inhalative, Rat (male): > 20 mg/l (20d, OECD 403).
	LD50, oral, Rat: 10470 mg/kg (OECD 401).
	LC50, inhalative, mouse: > 60 mg/l/1h (OECD 403).
	LC50, inhalative, Rat (female): 55 mg/l/4h (OECD 403).
	LC50, inhalative, Rat (male): 51 mg/l/4h (OECD 403).
	LD50, oral, mouse: 8350 mg/kg (OECD 401).
	NOAEL, oral, Rat (female): 1730 mg/kg bw/d (90d, OECD 408).

Acute oral toxicity	not determined
Acute dermal toxicity	not determined
Serious eye damage/irritation	Non-irritant.
Skin corrosion/irritation	Non-irritant.
Respiratory or skin sensitisation	not determined
Specific target organ toxicity — single exposure	not determined
Specific target organ toxicity — repeated exposure	not determined
Mutagenicity	not determined
Reproduction toxicity	not determined
Carcinogenicity	not determined

General remarks

The toxicological data are those of the pure product.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

This is a cosmetic product that is safe under intended and reasonable foreseeable use. Taking into account the use instructions, the toxicological profile of the ingredients and the evaluation of the final formulation this product is considered as safe and thus not harming human health.

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SECTION 12: Ecological information**Toxicity**

Range [%]	Substance
1 - <5	Ethanol, CAS: 64-17-5
	LC50, (24h), Oncorhynchus mykiss: 11200 mg/l (US EPA E03-05).
	EC50, (72h), Chlorella vulgaris: 275 mg/l (OECD 201).
	EC10, (72h), Chlorella vulgaris: 11,5 mg/l (OECD 201).
	LC50, (96h), Oncorhynchus mykiss: 13000 mg/l (OECD 203).
	LC50, (48h), Daphnia magna: 12340 mg/l (ASTM E729-80).

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:	not applicable
Other adverse effects	No classification on the basis of the calculation procedure of the preparation directive. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 13: Disposal considerations

Product	For recycling, consult manufacturer.
Contaminated packaging	Disposal in an incineration plant in accordance with the regulations of the local authorities.
RCRA Hazard Class (40CFR 261)	Uncontaminated packaging may be taken for recycling. Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

SECTION 14: Transport information

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"
DOT Road Shipment Information (49 CFR)	UN/NA NA1993 Combustible liquid, n.o.s. Footnote: This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land. Comb liq III

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SECTION 15: Regulatory information**US Regulations****National regulations**

29 CFR 1910.1200, ANSI Z400.1-2010, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA, California - Prop. 65

- SARA, 302

This product is not classified as hazardous under SARA 302.

- SARA, 311

This product is not classified as hazardous under SARA 311.

- SARA, 313

One or some ingredient(s) are listed under this regulation.

- CA Proposition 65

All chemical substances in this material are not named in California-P65 list.

- TSCA

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

- FDA

not determined

American Conference of Governmental Industrial Hygienists - ACGIH

Ingredients not listed as carcinogens.

International Agency for Research on Cancer IARC

Ingredients not listed as carcinogens.

National Toxicology Program - NTP

This product is named NTP - National Toxicology Program.

Transport-regulations

DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2012).

EC Regulations

1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

Labelling

The product does not require a hazard warning label in accordance with EC-directives.

Hazard symbols

none

R-phrases

none

S-phrases

none

Special labelling

Safety data sheet available for professional user on request.

SECTION 16: Other informations**Observe employment restrictions for people** yes

648/2004/CE

not applicable

HMIS Ratings

HEALTH	1	1 - Slight Hazard
FLAMMABILITY	2	2 - Moderate Hazard
REACTIVITY	1	1 - Slight Hazard
PERSONAL PROTECTION	B	B - Safety Glasses and Gloves

NFPA Ratings

2		
1	1	
-		

TOP, FLAMMABILITY: 2 - Moderate Hazard

LEFT, HEALTH: 1 - Slight Hazard RIGHT, REACTIVITY: 1 - Slight Hazard

BOTTOM, SPECIAL NOTICE: -

Modified position

none

Key / Legende:

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; EINCES = 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

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