

Safety Data Sheet

acc. to OSHA HCS



Printing date 09/30/2016

Reviewed on 09/30/2016

1 Identification

- **Product identifier**
- **Trade name:** *KMS Color Vitality Conditioner*
- **Article number:** 152213 - 75ml / 152201 - 10ml 1=10
- **Application of the substance / the mixture** *Hair Cosmetics*
- **Manufacturer/Supplier:**
Kao USA Inc.
2535 Spring Grove Avenue
Cincinnati, Ohio 45214 / USA
KaoGermanySDS@kao.com
- **Information department:** CHEMTREC
- **Emergency telephone number:**
CHEMTREC (US): (800)424-9300
CHEMTREC (Outside US): +1 (703) 527-3887 (24h)

2 Hazard(s) identification

- **Classification of the substance or mixture**
Skin Sens. 1 H317 May cause an allergic skin reaction.
- **Label elements**
- **Hazard pictograms**

GHS07
- **Signal word** *Warning*
- **Hazard-determining components of labeling:**
*Polysiloxanes, di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propylgroup-terminated, acetates (salts)
Fragrance*
- **Hazard statements**
H317 May cause an allergic skin reaction.
- **Precautionary statements**
*P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**

Health = 0
Fire = 0
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 68607-24-9	C20/C22 Alkyl trimethyl ammoniumchloride ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	0.1-<2.5%
CAS: 134737-05-6	Polysiloxanes, di-Me,3-[3-[(3-coco amidopropyl) dimethylammonio]-2-hydroxypropoxy]propylgroup-terminated, acetates (salts) ⚠ Skin Sens. 1, H317	0.5-<1%
	Fragrance ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317 Flam. Liq. 4, H227	0.5-<1%

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:** Treat symptomatically.
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture**
No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

Propylene Glycol (0.1-2.%)

WEEL	Long-term value: 10 mg/m ³
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- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Not required under normal conditions. The details concerned are recommendations.
The glove material has to be impermeable and resistant to the product / the substance / the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. - Please contact the glove supplier for further information.

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Not required under normal conditions
If there is a risk of splashing: safety glasses

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: emulsion

Color: Violet

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

· **pH-value at 20 °C (68 °F):** 3.3

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:**

Decomposition temperature: Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Vapor pressure at 20 °C (68 °F):** 23 hPa (17 mm Hg)

· **Density at 20 °C (68 °F):** 0.9915 g/cm³ (8.274 lbs/gal)

· **Relative density** Not determined.

· **Vapor density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic at 20 °C (68 °F): 60000 mPas

Kinematic: Not determined.

· **Solvent content:**

Organic solvents: 0.113 %

Water: 88.2 %

VOC content: 0.113 %

Solids content: 10.0 %

· **Other information** No further relevant information available.

10 Stability and reactivity

· **Reactivity** No dangerous reactions known if used as directed.

· **Chemical stability** The product is stable under standard conditions.

· **Thermal decomposition / conditions to be avoided:**

 No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

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- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

CAS: 67-63-0 isopropyl alcohol

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- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

- | | |
|--|-----------------|
| <ul style="list-style-type: none"> · UN-Number · DOT, ADN, IMDG, IATA | - |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT, ADN, IMDG, IATA | - |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT, ADN, IMDG, IATA · Class | - |
| <ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA | - |
| <ul style="list-style-type: none"> · Environmental hazards: | Not applicable. |
| <ul style="list-style-type: none"> · Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| <ul style="list-style-type: none"> · UN "Model Regulation": | - |

15 Regulatory information

- * **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- | | |
|---|--|
| <ul style="list-style-type: none"> · Section 355 (extremely hazardous substances): | None of the ingredients is listed. |
| <ul style="list-style-type: none"> · Section 313 (Specific toxic chemical listings): | CAS: 67-63-0 isopropyl alcohol |
| <ul style="list-style-type: none"> · TSCA (Toxic Substances Control Act): | All ingredients are listed. |
| <ul style="list-style-type: none"> · Proposition 65 | <ul style="list-style-type: none"> · Chemicals known to cause cancer: |
| <ul style="list-style-type: none"> · Chemicals known to cause reproductive toxicity for females: | None of the ingredients is listed. |
| <ul style="list-style-type: none"> · Chemicals known to cause reproductive toxicity for males: | None of the ingredients is listed. |
| <ul style="list-style-type: none"> · Chemicals known to cause developmental toxicity: | None of the ingredients is listed. |
| <ul style="list-style-type: none"> · Carcinogenic categories | <ul style="list-style-type: none"> · EPA (Environmental Protection Agency) |
| <ul style="list-style-type: none"> · TLV (Threshold Limit Value established by ACGIH) | CAS: 67-63-0 isopropyl alcohol A4 |
| <ul style="list-style-type: none"> · NIOSH-Ca (National Institute for Occupational Safety and Health) | None of the ingredients is listed. |

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- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H227 Combustible liquid.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

- **Department issuing SDS:** Regulatory Affairs

- **Date of preparation / last revision** 09/30/2016 / 1

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 4: Flammable liquids – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Skin Sens. 1: Skin sensitisation – Category 1

- *** Data compared to the previous version altered.**