

KAO USA Inc.
Cincinnati, Ohio 45214

Date printed 02.03.2016, Revision 02.03.2016

Version 01

Page 1 / 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

GW StyleSign Curl Splash
Article number 227547-10x7ml / 227542-100ml / 227583-20ml

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant uses

Hairstyling

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company KAO USA Inc.
2535 Spring Grove Avenue
Cincinnati, Ohio 45214 / USA
Phone

Address enquiries to

Technical information

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

No classification.

2.2 Label elements

The product does not require a hazard in accordance to OSHA Standard 29 CFR 1910.1200 (HCS 2012).
This preparation is excluded as cosmetics for labelling requirements of 29 CFR 1910.1200-HCS 2012 in accordance to (b)(5)(iii).

2.3 Other hazards

Other hazards No particular hazards known.

SECTION 3: Composition / Information on ingredients

Product-type:

The product is a mixture.

Range [%]	Substance
1 - 2	2-Phenoxyethanol
	CAS: 122-99-6, EINECS/ELINCS: 204-589-7, EU-INDEX: 603-098-00-9, Reg-No.: 01-2119488943-21-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Eye Irrit. 2: H319

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.
For full text of H-statements: see SECTION 16.

KAO USA Inc.
Cincinnati, Ohio 45214

Date printed 02.03.2016, Revision 02.03.2016

Version 01

Page 2 / 8

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Change soaked clothing.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Forward this sheet to the doctor.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.
Extinguishing media that must not be used	none

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Fire residues must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures necessary.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. acid binder).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

KAO USA Inc.
Cincinnati, Ohio 45214

Date printed 02.03.2016, Revision 02.03.2016

Version 01

Page 3 / 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures necessary if used correctly.

Do not eat, drink or smoke when using this product.
Wash hands before breaks and after work.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Prevent penetration into the ground.
Only use containers that are approved specifically for the substance/product.
Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.
Keep container tightly closed.
Keep container in a well-ventilated place.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (US)

not applicable

DNEL

Substance
2-Phenoxyethanol, CAS: 122-99-6
Industrial, dermal, Long-term - systemic effects: 34,72 mg/kg.
Industrial, inhalative, Long-term - systemic effects: 8,07 mg/m ³ .
general population, inhalative, Acute - local effects: 2,5 mg/m ³ .
general population, inhalative, Long-term - local effects: 2,5 mg/m ³ .
general population, oral, Acute - systemic effects: 17,43 mg/kg.
general population, oral, Long-term - systemic effects: 17,43 mg/kg.
general population, dermal, Long-term - local effects: 20,83 mg/kg.

PNEC

Substance
2-Phenoxyethanol, CAS: 122-99-6
sediment (seawater), 0,7237 mg/kg.
sediment (freshwater), 7,2366 mg/kg.
soil, 1,26 mg/kg.
sewage treatment plants (STP), 24,8 mg/l.
seawater, 0,0943 mg/l.
freshwater, 0,943 mg/l.

KAO USA Inc.
Cincinnati, Ohio 45214

Date printed 02.03.2016, Revision 02.03.2016

Version 01

Page 4 / 8

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	Not required under normal conditions.
Hand protection	Not required under normal conditions. The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: > 0,4 mm; butyl rubber, > 120 min (EN 374)
Skin protection	Not required under normal conditions. Avoid contact with eyes.
Respiratory protection	Not required under normal conditions.
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Gel
Color	colourless
Odor	characteristic
Odor threshold	not determined
pH-value	6,9 - 7,2
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	not applicable
Flammability [°C]	not applicable
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidizing properties	no
Vapor pressure/gas pressure [kPa]	not determined
Density [g/ml]	1,0253 - 1,0283
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	25000 - 30000 cP (20°C/ 68°F) (Brookfield RV DVIII Sp 5, 10 rpm)
Relative vapor density determined in air	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Autoignition temperature [°C]	not determined
Decomposition temperature [°C]	not determined

9.2 Other information

Refractive index: 1,3592 - 1,3622

SECTION 10: Stability and reactivity

10.1 Reactivity

See SECTION 10.3.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

KAO USA Inc.
Cincinnati, Ohio 45214

Date printed 02.03.2016, Revision 02.03.2016

Version 01

Page 5 / 8

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

No special measures necessary.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Substance
2-Phenoxyethanol, CAS: 122-99-6
LD50, dermal, Rabbit: 5000 mg/kg.
LD50, oral, Rat: 2740 mg/kg.

Serious eye damage/irritation Based on the information available, the classification criteria have not been fulfilled.

Skin corrosion/irritation Based on the information available, the classification criteria have not been fulfilled.

Respiratory or skin sensitisation Based on the information available, the classification criteria have not been fulfilled.

Specific target organ toxicity — single exposure Based on the information available, the classification criteria have not been fulfilled.

Specific target organ toxicity — repeated exposure Based on the information available, the classification criteria have not been fulfilled.

Mutagenicity Based on the information available, the classification criteria have not been fulfilled.

Reproduction toxicity Based on the information available, the classification criteria have not been fulfilled.

Carcinogenicity Based on the information available, the classification criteria have not been fulfilled.

Aspiration hazard Based on the information available, the classification criteria have not been fulfilled.

General remarks

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.

SECTION 12: Ecological information

12.1 Toxicity

Substance
2-Phenoxyethanol, CAS: 122-99-6
LC50, (96h), Pimephales promelas: 344 mg/l.
EC50, (72h), Scenedesmus subspicatus: > 500 mg/l.

12.2 Persistence and degradability

Behaviour in environment compartments No information available.

Behaviour in sewage plant No information available.

Biological degradability No information available.

KAO USA Inc.
Cincinnati, Ohio 45214

Date printed 02.03.2016, Revision 02.03.2016

Version 01

Page 6 / 8

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	Coordinate disposal with the disposal contractor/authorities if necessary.
Contaminated packaging	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
RCRA Hazard Class (40CFR 261)	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

SECTION 14: Transport

14.1 UN number

Transport by land according to ADR/RID not applicable

DOT Road Shipment Information (49 CFR) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

DOT Road Shipment Information (49 CFR) 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"

Safety Data Sheet (SDS) according to OSHA-GHS (29 CFR 1910.1200 HCS 2012) (US)
GW StyleSign Curl Splash

KAO USA Inc.
Cincinnati, Ohio 45214

Date printed 02.03.2016, Revision 02.03.2016

Version 01

Page 7 / 8

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

DOT Road Shipment Information (49 CFR) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.4 Packing group

Transport by land according to ADR/RID not applicable

DOT Road Shipment Information (49 CFR) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

DOT Road Shipment Information (49 CFR) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

SECTION 15: Regulatory information

US Regulations

National regulations

29 CFR 1910.1200-HCS 2012, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA, California - Prop. 65

- SARA, 302 This product does not contain any ingredients regulated under this list.

- SARA, 311 This product does not contain any ingredients regulated under this list.

- SARA, 313 This product does not contain any ingredients regulated under this list.

- CA Proposition 65 No chemical substances in this material are named on the California P65 list.

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

- FDA not applicable

American Conference of Governmental Industrial Hygienists - ACGIH not determined

International Agency for Research on Cancer IARC Not determined.

National Toxicology Program - NTP This product is not named NTP - National Toxicology Program.

HAP-VOC not applicable

Transport-regulations DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2016).

KAO USA Inc.
Cincinnati, Ohio 45214

Date printed 02.03.2016, Revision 02.03.2016

Version 01

Page 8 / 8

SECTION 16: Other information

16.1 Hazard statements (SECTION 03)

H319 Causes serious eye irritation.
H302 Harmful if swallowed.

16.2 Abbreviations and acronyms:

ACGIH = American Conference of Governmental Industrial Hygienists;
ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route;
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses;
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure;
CAS = Chemical Abstracts Service;
CERCLA = Comprehensive Environmental Response, Compensation and Liability Act;
CFR = Code of Federal Regulations;
CPR = Controlled Products Regulations;
DMEL = Derived Minimum Effect Level;
DNEL = Derived No Effect Level;
DOT = Department of Transportation;
EC50 = Median effective concentration;
EPA = Environmental Protection Agency;
GHS = Globally Harmonized System of Classification and Labelling of Chemicals;
IATA = International Air Transport Association;
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;
IC50 = Inhibition concentration, 50%;
IMDG = International Maritime Code for Dangerous Goods;
IARC = International Agency of Research on Cancer;
IATA = International Air Transport Association;
TSCA = Toxic Substance Control Act;
HMIS = Hazardous Materials Identification System;
NFPA = National Fire Protection Association;
NIOSH = National Institute for Occupational Safety and Health;
OSHA = Occupational Safety and Health Administration;
LC50 = Lethal concentration, 50%;
LD50 = Median lethal dose, 50%;
MARPOL = International Convention for the Prevention of Marine Pollution from Ships;
PBT = Persistent, Bioaccumulative and Toxic substance;
PNEC = Predicted No-Effect Concentration;
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals;
SARA = Superfund Amendments and Reauthorization Act;
TLV@TWA = Threshold limit value – time-weighted average;
TLV@STEL = Threshold limit value – short-time exposure limit;
VOC = Volatile Organic Compounds;
vPvB = very Persistent and very Bioaccumulative;

16.3 Other information

HMIS Ratings

HEALTH	1	1 - Slight Hazard
FLAMMABILITY	0	0 - Minimal Hazard
PHYSICAL HAZARD	0	0 - Minimal Hazard
PERSONAL PROTECTION	X	X - Personal protection rating to be supplied by user depending on use conditions

NFPA Ratings

0
1 0
-

TOP, FLAMMABILITY: 0 - Minimal Hazard
LEFT, HEALTH: 1 - Slight Hazard RIGHT, REACTIVITY: 0 - Minimal Hazard
BOTTOM, SPECIAL NOTICE: -