

**Safety Data Sheet (SDS) conforms to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)
for all NECTAYA**

**KAO USA Inc.
MD 21090**

Date printed 10.12.2013, Revision 13.12.2011

Version 01

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SECTION 1: Identification of the substance / preparation and of the company

Product identifier for all NECTAYA
Relevant identified uses of the substance or mixture and uses advised against Hair color
Identified use Cosmetics
Company KAO USA Inc.
Linthicum Heights,
MD 21090 / USA
Phone 001410-850-7555
Address enquiries to
Emergency phone Company CHEMTREC: +1 703 527-3887 (24h)
Safety Data Sheet sdb@chemiebuero.de

SECTION 2: Hazards identification

Emergency Overview

Appearance, Odor: viscous, various, characteristic

WARNING
CAUSES EYE AND SKIN IRRITATION.
CAUSES RESPIRATORY TRACT IRRITATION.

OSHA Regulatory Status This product is defined as Cosmetics. Therefore, this product is exempt from requirements of the hazard communication standard, 29 CFR1910.1200.
This product is classified as hazardous in accordance to OSHA Standard 29 CFR 1910.1200.

Potential health effects Irritating to eyes, respiratory system and skin.

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	2-Aminoethanol CAS: 141-43-5
1 - <5	Sodium hydrogen N-(1-oxododecyl)-L-glutamate CAS: 29923-31-7
1 - <5	2-Methyl-p-phenylenediamine sulfate CAS: 615-50-9
0,1 - <1	1,3-Benzenediol CAS: 108-46-3
0,1 - <2,5	3-Aminophenol CAS: 591-27-5
0,1 - <0,25	Dipentene CAS: 138-86-3

Comment on component parts Substances 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 full text of H-statements and R-phrases: see SECTION 16.

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SECTION 4: First aid measures

Description of first aid measures	Change soaked clothing.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek for 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	In case of contact with eyes rinse thoroughly and immediately with plenty of water and seek medical advice.
Ingestion	Consult a doctor immediately. Do not induce vomiting.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

SECTION 5: 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	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 with the local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	High risk of slipping due to leakage/spillage of product.
Environmental precautions	Prevent spread over a wide area (e.g. by containment or oil barriers). 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.
Requirements for storage rooms and vessels	Keep only in original container.
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	2-Aminoethanol CAS: 141-43-5, EINECS/ELINCS: 205-483-3, EU-INDEX: 603-030-00-8 Long-term exposure: 2 ppm, 5 mg/m ³ , NIOSH Short-term exposure (15-minute): 4 ppm, 10 mg/m ³
0,1 - <1	1,3-Benzenediol CAS: 108-46-3, EINECS/ELINCS: 203-585-2, EU-INDEX: 604-010-00-1 Long-term exposure: 10 ppm, 45 mg/m ³ , ACGIH

Respiratory protection

not applicable

Hand protection

Nitrile rubber, >120 min (EN 374).

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

Eye protection

Safety glasses.

Skin protection

not applicable

General protective measures

Avoid contact with eyes and skin.

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.

Use barrier skin cream.

Wash hands before breaks and after work.

Delimitation and monitoring of the environmental exposition

See SECTION 6+7.

SECTION 9: Physical and chemical properties

Form	viscous
Color	various
Odor	characteristic
pH-value	9,5 - 10,2
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	not applicable
Flammability [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/ml]	0,96-1,00 (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 applicable
Evaporation speed	not applicable
Melting point [°C]	not determined
Autoignition temperature [°C]	not applicable
Decomposition temperature [°C]	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 acids.
Conditions to avoid	See SECTION 7.2.
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	2-Aminoethanol, CAS: 141-43-5 LC0, inhalative, Rat: > 0,0005 mg/l 2h (IUCLID). LD50, oral, Rat: 1720 mg/kg (IUCLID). LD50, dermal, Rabbit: 1025 mg/kg (IUCLID).
0,1 - <2,5	3-Aminophenol, CAS: 591-27-5 LD50, dermal, Rat: > 5000 mg/kg (Lit). LC50, inhalative, Rat: 1162 mg/m ³ (Lit). LD50, oral, Rat: 924 mg/kg (Lit).
0,1 - <0,25	Dipentene, CAS: 138-86-3 LD50, oral, Rat: > 4800 mg/kg bw.
0,1 - <1	1,3-Benzenediol, CAS: 108-46-3 LD50, dermal, Rabbit: 3360 mg/kg (Lit). LD50, oral, Rat: 301 mg/kg (Lit).
1 - <5	2-Methyl-p-phenylenediamine sulfate, CAS: 615-50-9 LD50, oral, Rat: 102 mg/kg (RTECS). LD50, dermal, Rabbit: 1120 mg/kg (RTECS).

Acute oral toxicity	not determined
Acute dermal toxicity	not determined
Acute inhalational toxicity	not determined
Serious eye damage/irritation	not determined
Skin corrosion/irritation	not determined
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

Toxicological data of complete product are not available.
The product was classified on the basis of the calculation procedure of the preparation directive.
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	2-Aminoethanol, CAS: 141-43-5 LC50, (96h), Pimephales promelas: 2070 mg/l (IUCLID). EC50, (48h), Daphnia magna: 65 mg/l (IUCLID).
0,1 - <2,5	3-Aminophenol, CAS: 591-27-5 LC50, (48h), Oryzias latipes: 100 mg/l (Lit).
0,1 - <1	1,3-Benzenediol, CAS: 108-46-3 LC50, (96h), Leuciscus idus: 34,7 mg/l (Lit).

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 None known.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 13: Disposal considerations

Product Coordinate disposal with the authorities if necessary.

Contaminated packaging Uncontaminated packaging may be taken for recycling.

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 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) NOT CLASSIFIED AS "DANGEROUS GOODS"

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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 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

Ingredients not listed as carcinogens.

International Agency for Research on Cancer IARC

Ingredients not listed as carcinogens.

National Toxicology Program - NTP

This product is not named NTP - National Toxicology Program.

HAP-VOC

not applicable

Transport-regulations

DOT-Classification, ADR (2013); IMDG-Code (2013, 36. Amdt.); IATA-DGR (2013).

Other Right to Know Laws

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

Hazard symbols



Harmful

Contains:

2-Methyl-p-phenylenediamine sulfate EINECS: 210-431-8

R-phrases

R 22: Harmful if swallowed.

R 36/37/38: Irritating to eyes, respiratory system and skin.

R 43: May cause sensitisation by skin contact.

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

S 24/25: Avoid contact with skin and eyes.

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37: Wear suitable gloves.

Special labelling

none

WARNING

Emergency Overview

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SECTION 16: Other information

Observe employment restrictions for people yes

HMIS Ratings

HEALTH	1	1 - Slight Hazard
FLAMMABILITY	0	0 - Minimal Hazard
REACTIVITY	0	0 - Minimal Hazard
PERSONAL PROTECTION	B	B - Safety Glasses and Gloves

NFPA Ratings

0
1 0
IRR

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

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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