

Material Safety data sheet

KOKO COLOUR SOLUTION

April 30, 2008

Product code: 3401

MSDS 1

1 - Product and Manufacture identification:

**1.1 Product name: KOKO COLOUR SOLUTION DEMI PERMANENT
ACTICOLOUR**

**1.2 Manufacture: VERNICO HAIR PRODUCTS LTD.
680 Avenue Lepine, Dorval,
Quebec, Canada
H9P 2S5
Toll free: 1-877 837- 6426**

2 - Hazard Composition/Information on components

CAS #	COMPONENTS	CONCENTRATION (% w/w)
141-43-5	Ethanolamine	3.0 – 12.0

3 - Physical and Chemical Properties

Form: lotion/cream

Colour: Off white to yellowish

Odour: Fragrance

Viscosity: 1.800cps – 3.000cps (Brookfield RVT, spindle 4, speed 20)

PH value: 10.0 – 11.0

Flash point: Ethanolamine - 85°C Pensky-Martens close cup method

Water solubility: Miscible

4 - Hazard identification

Routes of entry:

Inhalation: yes
Ingestion: yes
Skin: yes

Symptoms of exposure:

Harmful if swallowed
May cause skin irritation
Irritating to the eyes

Carcinogenicity:

NTP: No
IARC: No
ACGIH: No

Special hazards:

Flammable

5 – Handling and Storage

5.1 Handling:

Read and follow instructions;

Product must not be used alone;

Product must be mixed with a Koko colour solution shade and an Oxidizer prior to use;

Use only the proportions indicated in the instruction;

Wear gloves;

Avoid contact with skin, eyes and clothing;

Adequate ventilation is required in work area

Wash thoroughly after handling

5.2 Storage:

Store product in a dry and cool place

Keep away from direct light, heat and sources of ignition

Keep out of reach of children

6 - First aid measures

If contact with eyes occurs, rinse eyes immediately with abundant cool water;

If contact with skin occurs, rinse skin with soap and water;

If ingestion occurs, do not induce vomiting. Rinse mouth with water and drink abundant water. Contact a medical physician immediately.

Additional information: Immediately rinse any splash on clothing

7 – Stability and Reactivity

Stable under normal conditions

Avoid exposure to temperatures over 40°C

Avoid contact with strong oxidizing agents or strong acids

8 – Fire Fighting measures

Extinguish media: Chemical fire extinguisher, alcohol-resistant foam or dry chemical powder

Fire and explosion hazards: Generation of Nitrogen and Carbon oxide upon combustion

Special fire fighting procedures: The use of self-containing breathing apparatus and protective suits are required when fighting fires involving this product.

Disposal: Contaminated extinguishing water and materials must be disposed in accordance with federal, state and local environment regulations

9 – Accidental release measures

Wear appropriate respiratory protection, chemical splash goggles, rubber gloves and boots;

Wear appropriate protective clothing to avoid contact with skin;

Cautiously place spill into closable containers and dispose according to local and federal regulations

Wash spill site with soap solution after pick-up is completed;

Other precautions and protective equipment:

Do not eat, drink or smoke while handling this material;
Require eye bath, safety shower and full protective gear

10- Toxicological information

Acute toxicity:

Toxic
Harmful if swallowed

Irritancy:

Irritant to eyes
Irritant to skin

11 – Exposure control and personal protection

11.1 Permissible exposure limit values

CAS NUMBER	COMPONENT	OSHA PEL	CATEGORY
141-43-5	Ethanolamine	6mg/m ³	TWA (8h)

11.2 Work and hygienic requirements:

Avoid contact with skin, eyes and clothing;
Wear appropriate gloves and goggles;
Wash thoroughly after handling;
Do not eat, drink or smoke when handling this material

12 – Ecological information

Environment toxicity: Contain substances that are toxic to aquatic organisms

Degradability: Some components are not readily biodegradable

13 – Disposal considerations

The bottle must be completely empty before disposal;
Dispose this product in accordance with local and national regulations.

14 – Transport regulations

N/A

15 – Regulatory information

Product complies with Canada, US, EU and Thailand cosmetic regulation.

16 – Other information:

Product use field: For cosmetic professional use only