

**Material Safety data sheet****KOKO COLOUR SOLUTION**

April 30, 2008

Product code: 3432

**MSDS 1****1 - Product and Manufacture identification:****1.1 Product name: KOKO COLOUR SOLUTION LIFT 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 – 11.2**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 <sup>3</sup>	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