



Material Safety data sheet

CALURA COLOUR SOLUTION

November 22, 2013

Product code: CALURA SHADES

MSDS 1

1 - Product and Manufacture identification:

1.1 Product name: CALURA

1.2 Manufacture: VERNICO HAIR PRODUCTS LTD.

680 Avenue Lepine, Dorval,

Quebec – Canada

H9P 2S5

Toll free: 1-877 837- 6426

2 - Composition/Information on components

CAS #	COMPONENTS	MAX. CONCENTRATION IN THE TUBE (% w/w)
591-27-5	m-Aminophenol	1.4
108-46-3	Resorcinol	1.0
66422-95-5	2,4-Diaminophenoxyethanol Dihydrochloride	1.0
123-30-8	p-Aminophenol	1.0
608-25-3	2-Methylresorcinol	0.5
495-88-5	4-Chlororesorcinol	0.7
2835-95-2	4-Amino-2-Hydroxytoluene	1.0
2835-99-6	4-Amino-m-Cresol	0.5
83763-48-8	2-Amino-4-Hydroxyethylamino Anisole Sulfate	1.0
90-15-3	1-Naphthol	0.2
54381-16-7	N,N-Bis-2-hydroxyethyl-p-phenylenediamine sulfate	0.5
6369-59-1	Toluene-2,5-Diamine Sulfate	3.0
55302-96-0	2-Methyl-5-Hydroxyethylaminophenol	1.3
6358-09-4	2-Amino-6-chloro- 4-nitrophenol	0.02
149330-25-6	2,6-Dihydroxyethylaminotoluene	1.0
155601-30-2	1-Hydroxyethyl-4, 5-Diamino Pyrazole Sulfate	3.0
141-43-5	Ethanolamine	7.0
7681-57-4	Sodium Metabisulfite	1.0

Finished product (tube only): maximum 5% dyes

3 - Physical and Chemical Properties

Form: cream

Colour: Various

Odour: Fragrance

Viscosity: 40.000cps – 60.000cps (Brookfield RVT, spindle 7, speed 20)

pH value: 9.0 – 10.6

Flash point: N/A

Solvent content: 7% - 10%

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

May produce an allergic reaction in certain individuals

Irritating to the eyes

Special hazards:

Flammable

5 – Handling and Storage

5.1 Handling:

Read and follow instructions;
Product must be mixed with a Calura Oxidizer prior to use;
Use only the proportions indicated in the instruction;
Wear gloves;
Prior to application a sensitivity test should be made;
This product must not be used for dyeing eyelashes or eyebrows;
Do not use this product if you had already experienced an allergic reaction to another hair colour product;
Do not use if scalp has abrasions;
Always mix product in a non metal container with non metal tools;
Use mixture immediately and discard the leftover;
Shampoo and rinse hair well, after application;
A permanent wave application is not recommended immediately after the application of this product.

5.2 Storage:

Store product in a dry place at room temperature between 15°C - 25°C
Protect from direct light
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.

7 – Stability and Reactivity

Stable under normal conditions
Avoid exposure to temperatures below 15°C or above 25°C
Avoid contact with strong oxidizing agents

8 – Fire Fighting measures

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

Fire and explosion hazards: Generation of Nitrogen 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 respiratory protection, chemical safety goggles, rubber gloves and boots;
Small amounts may be flush into the sewer with plenty of water;
Large amounts may be placed into a bag and disposed according to official regulations;
Wash spill site with soap solution after pick-up is completed

Other precautions: Do not eat, drink or smoke while handling this material

10– Toxicological information

Acute toxicity:

Toxic

Harmful if swallowed

Toluene-2, 5- Diamine Sulfate:

Oral LD50 (rat) = 98mg/Kg

2-Methyl-5-Hydroxyethylaminophenol

Oral LD50 (rat) = 150mg/Kg

2-Methylresorcinol

Oral LD50 (rat) = 200mg/Kg

Irritancy:

Irritant to eyes
Prolonged skin exposure, may cause irritation

Sensitization:

May cause sensitization by skin contact;
May cause an allergic reaction;
Repeated contact can cause skin irritation

11 – Exposure control and personal protection**11.1 Permissible exposure limit values**

CAS NUMBER	COMPONENT	OSHA PEL	CATEGORY
7681-57-4	Sodium metabisulfite	5mg/m ³	TWA (8h)
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

Dispose hazard materials in accordance with local and national regulations.

14 – Transport regulations

N/A

15 – Regulatory information

Product complies with Canada, US and EU

16 – Other information:

Product use field: For cosmetic professional use only

NOTICE: This Material Safety Data Sheet is based upon our current knowledge and considered to be accurate at the time of its preparation. We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or instructions.