



## Safety Data Sheet according to Regulation (EC) No 1907/2006

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Direct Hair Dye

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

#### 1.1. Product identifier

Direct Hair Dyes

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

Intended use:

Hair Color/Toner, direct dyes

#### 1.3. Details of the supplier of the safety data sheet

Natura Laboratorios, S.A. de C.V.

Guadalajara, Jalisco. Mexico.

Pedro Martinez Rivas #746

44250 Zapopan, Jalisco. Mexico.

Phone: (+52) 38-36-38-50

#### 1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

Further information is available at Poison Control Centers.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Chronic hazards to the aquatic environment Category 3

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements (CLP)

**Hazard statement:**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statement:**

P273 Avoid release to the environment.

**Prevention**

**Precautionary statement:**

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Disposal**

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

#### 3.2. Mixtures

**Hazardous substances according to CLP (EC) No 1272/2008:**

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Fatty alcohol, C16-18, ethoxylate 68439-49-6			>= 1- < 10 %	H319 Serious eye irritation 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air.

Skin contact:

Rinse with water. Take off all clothing contaminated by the product.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention if necessary.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

None known

### 5.2. Special hazards arising from the substance or mixture

**The release of following substances is possible in case of fire:**

Carbon oxides.

Hydrogen chloride.

Nitrogen oxides

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Wear protective equipment.

#### **Additional information:**

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.

Collect contaminated fire fighting water separately. It must not enter drains.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No information.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

Inform authorities in the event of product spillage to water courses or sewage systems.

**6.3. Methods and material for containment and cleaning up**

Dilute small quantities with large amount of water and rinse.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Handling advice:

Avoid skin and eye contact.

Fire and explosion protection information:

No special measures required if used properly.

Hygiene measures:

Do not eat, drink or smoke while working.

Immediately remove soiled or soaked clothing.

Wash hands before work breaks and after finishing work.

Keep away from food, beverages and animal feed.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in sealed original container protected against moisture.

Store far from foodstuffs.

**7.3. Specific end use(s)**

Hair Color/Toner, direct dyes

**SECTION 8: Exposure controls/personal protection**

Only relevant for professional/industrial use

**8.1. Control parameters**

Valid for

Germany

Contains no components with occupational exposure limit values.

**8.2. Exposure controls**

Engineering controls:

Ensure good ventilation/suction at the workplace.

Respiratory protection:

Not needed.

**Hand protection:**

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Manufacturer e.g. German company KCL, type Dermatril.

**Eye protection:**

Protective goggles

**Skin protection:**

Suitable protective clothing

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture:

Appearance	emulsion high viscosity characteristic
Odor	Ammoniacal
pH (20 °C (68 °F))	3.00 – 4.00
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,970 - 1,030 g/cm <sup>3</sup>
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Miscible
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None if used for intended purpose.

### 10.2. Chemical stability

None known.

**10.3. Possibility of hazardous reactions**

See section reactivity  
None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products**

None known.

<b>SECTION 11: Toxicological information</b>
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**General toxicological information:**

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

**11.1. Information on toxicological effects****Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	LD50	3.050 mg/kg	rat	not specified

**Acute dermal toxicity:**

No data available

**Acute inhalative toxicity:**

No data available.

**Skin corrosion/irritation:**

Primary skin irritation: irritating

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	slightly irritating	4 h	rabbit	EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

No data available

**Respiratory or skin sensitization:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

**Carcinogenicity**

No data available

**Reproductive toxicity:**

No data available

**STOT-single exposure:**

No data available.

**STOT-repeated exposure:**

No data available

**Aspiration hazard:**

No data available.

## SECTION 12: Ecological information

### General ecological information:

The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

### 12.1. Toxicity

#### Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	LC50	4 mg/l	48 h	Leuciscus idus	DIN 38412-15

#### Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	EC50	> 200 mg/l	24 h	Daphnia magna	not specified

#### Chronic toxicity to aquatic invertebrates

No data available

#### Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	EC50	65 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09

#### Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	EC0	1.000 mg/l	30 min		not specified

### 12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	readily biodegradable	aerobic	71 - 75 %	28 d	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)

### 12.3. Bioaccumulative potential

No data available.

#### **12.4. Mobility in soil**

No data available

#### **12.5. Results of PBT and vPvB assessment**

No data available

#### **12.6. Other adverse effects**

No data available.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

Product disposal:

Consider national regulations.

Special waste incineration or special disposal with the approval of the responsible local authority.

### **SECTION 14: Transport information**

#### **14.1. UN number**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### **14.2. UN proper shipping name**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### **14.3. Transport hazard class(es)**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### **14.4. Packing group**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### **14.5. Environmental hazards**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### **14.6. Special precautions for user**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable



**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations/information (Germany):

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999 )
Storage class according to TRGS 510:	Classification in conformity with the calculation method 10

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

**Further information:**

This information is not related to the use of the product, it is based on our current level of knowledge.