



## SAFETY DATA SHEET

according to Regulation No 1907/2006 of the European Parliament and of the Council, as amended by Regulation (EU) 2020/878

Date of issue: 30. 03. 2023  
Date of revision: 15. 02. 2024  
Trade Name: **HALO**

Product code: -  
Replaced version from: 30. 03. 2023

Version: 1.1  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

*Trade Name* **HALO**  
*Mixture description* Homogeneous suspension of pigments.

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

*Identified uses* Mixture for use in tattoos or permanent make-up.  
*Uses advised against* It is recommended to use only for identified uses. Other uses may expose users to an unpredictable risk.

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

**Essential Beauty Kft.**  
Deak Ferenc street 21 1/1  
1052 Budapest  
Hungary  
tel: +36 707 757 878  
e-mail address for a competent person responsible for the SDS: infoessentialpmu@gmail.com

#### 1.4 Emergency telephone number

112 (General emergency phone), 998 (fire brigade), 999 (ambulance service).

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

The mixture **is not classified as dangerous** according to regulation 1272/2008/EC.

*Classification according to 1272/2008/EC* **not classified**

Full text of classifications and H-phrases: see section 16.

#### **The most important adverse physicochemical, human health and environmental effects**

No known effects of this mixture that could lead to the classification as hazardous.

#### 2.2 Label elements

<i>hazard pictograms</i>	None.
<i>signal word</i>	None.
<i>components of the mixture to be placed on the label</i>	None.
<i>hazard statements</i>	None.
<i>precautionary statements</i>	None.
<i>supplemental hazard information</i>	Mixture for use in tattoos or permanent make-up.

#### 2.3 Other hazards

At the date of preparation of the safety data sheet the mixture does not contain: substances identified as



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endocrine disruptors, substances classified as PBT or vPvB according to Annex XIII of the REACH, substances kept on the REACH Annex XIV Candidate List (SVHC list).

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### 3.2.1 Components of a mixture classified as hazardous

<i>Chemical identity</i>	<i>CAS Number</i> <i>EC Number</i> <i>Index Number</i>	<i>Registration Number</i>	<i>Content (wt. %)</i>	<i>Classification 1272/2008/EC</i>
Ethanol; Ethyl alcohol	64-17-5 200-578-6 603-002-00-5	not registered	5 – 10	Flam. Liq. 2; H225

### SECTION 4: First aid measures

In all cases, provide the affected person with physical and mental peace and prevent chills. Never give anything by mouth to an unconscious person. Pay attention to personal safety during rescue work. If in doubt or if symptoms persist, seek medical attention.

#### 4.1 Description of first aid measures

##### **Inhalation**

Stop exposure immediately. Transport the victim to fresh air (beware of contaminated clothing) and keep him in a position that facilitates breathing. Keep the victim warm. Seek medical attention if symptoms appear or persist.

##### **Skin contact**

Remove contaminated clothing and shoes immediately. Remove rings, watches, bracelets, etc., before or during washing, if they are in the skin contact area and if it is easy to do so. Wash the affected area for at least 15 minutes with plenty of clean running water, preferably lukewarm. Do not use solvents or thinners. Never neutralize. If symptoms persist, seek medical attention.

##### **Eye contact**

Protect unaffected eye. Immediately flush eyes with a moderate stream of clean running water, preferably lukewarm. Open the eyelids (even by force). Remove contact lenses, if present, and continue rinsing for at least 15 minutes from the inner corner of the eye to the outer one. Never neutralize. If symptoms persist, seek medical attention.

##### **Ingestion**

Do not induce vomiting. Rinse mouth only with water. Administer about 10-20 crushed activated charcoal tablets with drinking water, preferably lukewarm. Sparkling or mineral waters are not suitable for rinsing or drinking. Never administer alcoholic beverages. If the victim vomits spontaneously, keep his head low to ensure he cannot inhale vomitus or stain other parts of his body or the body of the rescuer. If the problem persists, seek medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed

If product is swallowed may cause: nausea, vomiting, diarrhea and malaise.

Inhalation high concentration of vapors may cause: drowsiness, dizziness, headaches, nausea and respiratory system irritation.



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In contact with eyes may cause: irritation, redness, itching and watering.

### **4.3 Indication of any immediate medical attention and special treatment needed**

Symptomatic treatment.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

CO<sub>2</sub>, dry extinguishing agent, water spray, foam.

#### **Extinguishing media which shall not be used for safety reasons**

Solid water streams may be ineffective. The fire may spread.

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

In the event of a fire, prevent the leakage of extinguishing water and product residues into sewers and environmental components, especially into water sources. Collect them separately and dispose safely in accordance with applicable legislation and local regulations

In case of fire, hazardous combustion gases may be formed: carbon oxides and products of incomplete combustion.

### **5.3 Advice for firefighters**

Do not intervene without suitable protective equipment. Wear suitable self-contained breathing apparatus and fire-fighting/chemical suit.

## **SECTION 6: Accidental release measures**

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

Avoid inhalation, contact with skin and eyes, wear suitable protective equipment and clothing, see section 8 of the SDS. Ensure adequate ventilation of the premises and avoid the accumulation of vapours or aerosols. Additional protective measures - see section 7 of the SDS.

### **6.2 Environmental precautions**

Avoid further leakage of the product into sewers and environmental compartments, especially water sources. If this cannot be prevented, inform the relevant authorities (police and fire brigade) immediately.

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

Depending on the amount of product spilled, for large spills, first dam the product and then pump it out, or for small spills, wipe or absorb with a suitable inert absorbent material (e.g., nonwoven fabric, vermiculite, dry sand), collect in labeled, sealable containers, and dispose of according to Section 13. Flush residues with water, collect for disposal as waste. Minimise the formation of vapours and aerosols during disposal, e.g. by a suitable ventilation system. Ventilate the affected area.

In case of damaged container, transfer the content into new undamaged container and correctly re-label.

### **6.4 Reference to other sections**

Observe also the provisions of section 7, 8 and 13 of this safety data sheet.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**



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Avoid inhalation, contact with skin and eyes, wear suitable protective equipment and clothing, see section 8 of the SDS. Ensure adequate ventilation and avoid accumulation of vapours and aerosols. If vapours and aerosols are still formed, their deposits must be removed regularly.

Observe the safety regulations for handling chemicals. Smoking, eating and drinking should be prohibited at the point of use. Always wash your hands after handling the product. Remove contaminated protective equipment before entering rest or eating area. After work, wash thoroughly with warm water and soap, take a shower. Change your contaminated clothing immediately with clean one.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in original, tightly closed containers in a dry and well-ventilated place. Protect from frost, direct sunlight and high temperatures. At temperatures above 100 °C it causes the evaporation of the liquid component of the product. Do not store with incompatible materials: acids, alkalis, oxidizing and reducing agents.

### 7.3 Specific end use(s)

See section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 8.1.1 Exposure limit value according to EU

Not determined in EU.

#### 8.1.2 Biological limit values

Not determined in EU.

#### 8.1.3 DNEL and PNEC values

Not determined.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation at the workplace to comply with the limits established for the substance. Observe usual safety precautions for working with chemicals. The degree of effectiveness of personal protective equipment depends, among other things, on the concentration of the substance in the workplace, temperature, exposure time, type of work performed, level of ventilation and product concentration.

#### 8.2.2 Individual protection measures, such as personal protective equipment

##### *Respiratory protection*

Not necessary in case of compliance with limits established and if vapours or aerosols are not formed. If exposure limits are exceeded or if vapours and aerosols are generated, use a respirator, half mask or full face mask, in case of intensive or prolonged exposure, accident or fire, use self-contained breathing apparatus.

##### *Hand protection*

Wear protective gloves in case of prolonged or repeated skin contact.

##### *Eye/face protection*

Wear well-sealed goggles if eye contact is possible.

##### *Skin protection*

Body protection must be selected according to the activity and possible exposure, e. g. protective work clothes and shoes, apron,



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etc.

Do not eat, drink or smoke. After work, wash thoroughly with warm water and soap and take a shower. Use protective cream. Do not use soiled protective equipment, do not use solvents for washing.

### 8.2.3 Environmental exposure reduction

Uncontrolled escape of formulation into environment is to be avoided. Observe emission limits.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Colour</b>	pink
<b>Odour</b>	odorless to slightly alcoholic
<b>Melting point/freezing point</b>	not determined
<b>Boiling point (range)</b>	not determined
<b>Flammability</b>	non-flammable
<b>Explosive limits</b>	not determined
<i>lower</i> (% vol.)	not determined
<i>upper</i> (% vol.)	not determined
<b>Flash point</b>	> 105 °C
<b>Autoignition temperature</b>	not determined
<b>Decomposition temperature</b>	does not apply
<b>pH</b>	4.5 – 7.5
<b>Kinematic viscosity</b>	not determined
<b>Solubility</b>	miscible in water
<b>Partition coefficient: n-octanol/water (log value)</b>	does not apply
<b>Vapour pressure</b>	not determined
<b>Density or relative density</b>	not determined
<b>Relative vapour density</b>	not determined
<b>Particle characteristics</b>	substance does not contain nanoform

### 9.2 Other information

Not determined.

#### 9.2.1 Information with regard to physical hazard classes

The mixture is not classified as an explosive or oxidant.

#### 9.2.2 Other safety characteristics

The mixture is not an explosive precursor according to Regulation (EU) No 2019/1148.

## SECTION 10: Stability and reactivity



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### 10.1 Reactivity

The product is stable under the recommended conditions of use and storage. There are no dangerous reactions.

### 10.2 Chemical stability

The product is stable under the recommended conditions of handling, use and storage.

### 10.3 Possibility of hazardous reactions

The product is stable under the recommended conditions of handling, use and storage.

### 10.4 Conditions to avoid

Protect from frost, direct sunlight and high temperatures.

### 10.5 Incompatible materials

Acids, alkalis, oxidizing and reducing agents.

### 10.6 Hazardous decomposition products

Not determined.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
- <i>LD<sub>50</sub> oral</i>	data for the mixture are not available
- <i>LD<sub>50</sub> dermal</i>	data for the mixture are not available
- <i>LC<sub>50</sub> inhalation</i>	data for the mixture are not available
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT – single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT – repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

The mixture and its components do not meet the criteria according to regulations (EU) No 2017/2100, (EU) No 2018/605.

#### 11.2.2 Other information



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See sections 2 and 4.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Based on available data, the classification criteria are not met.

**Fish** data for the mixture are not available

**Daphnia** data for the mixture are not available

**Algae** data for the mixture are not available

**Water plants** data for the mixture are not available

#### 12.2 Persistence and degradability

Not determined for the mixture.

#### 12.3 Bioaccumulative potential

Not determined for the mixture.

#### 12.4 Mobility in soil

Not determined for the mixture.

#### 12.5 Results of PBT and vPvB assessment

The mixture and its components do not meet the criteria of Annex XIII to Regulation (EC) No 1907/2006.

#### 12.6 Endocrine disrupting properties

The mixture and its components do not meet the criteria according to Regulations (EU) No 2017/2100, (EU) No 2018/605.

#### 12.7 Other adverse effects

The mixture and its components are not listed in Regulation (EC) No 1005/2009 on substances that deplete the ozone layer.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### **Disposal methods of the substance or mixture and the contaminated packaging**

Must be disposed in accordance to the applicable European and national regulations. Never dispose by flushing into sewer! Do not contaminate ponds or ditches with chemical or used container. Hand over residual amounts and solutions to a licensed disposal company. Waste classification and removal of waste is a producer's responsibility.

Possible waste code:

07 06 99 - wastes not otherwise specified.

20 03 99 - municipal wastes not otherwise specified.

##### **Physical/chemical properties that may affect waste treatment options**

Labelling according to Annex III of Directive 2008/98/EC: None known.

##### **Special precautions recommended for waste management**



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None known.

### **Waste legislation**

Directive 2008/98/EC

## SECTION 14: Transport information

This product is not classified as a dangerous for transportation (ADR/RID, IMDG, ICAO/IATA).

### **14.1 UN number or ID number**

not given

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

- ADR/RID/IMDG/IATA not given

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

not given

### **14.4 Packing group**

not given

### **14.5 Environmental hazards**

it is not dangerous for the environment during transport

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

not given

### **14.7 Maritime transport in bulk according to IMO instruments**

not available

### **14.8 Other information on labelling**

#### **ADR/RID**

- classification code	not given
- labels	not given
- hazard identification code	not given
- tunnel restriction code	not given

#### **IMDG**

- Emergency Schedules (EmS)	not given
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## SECTION 15: Regulatory information

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

# Regulation No. 2020/2081/EU, of 14 December 2020 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up.

Regulation No 1907/2006/EC, REACH.





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Regulation No 1272/2008/EC, CLP.

Regulation No. 2019/1148/EU, on the marketing and use of explosives precursors.

### 15.2 Chemical safety assessment

Chemical safety assessment has not been performed.

## SECTION 16: Other information

### **Reason for alteration**

Addition of regulatory information. Changes are marked by #.

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

Flam. Liq. 2	Flammable liquid, cat. 2
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
CLP	regulation No. 1272/2008/EC
REACH	Regulation No 1907/2006/EC
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods Code
ICAO/IATA	The International Civil Aviation Organization / International Air Transport Association
IMO	International Maritime Organization
LC <sub>50</sub>	Lethal concentration at which 50 % of test subjects die
LD <sub>50</sub>	Lethal dose at which 50 % of test subjects die
PBT	Persistent, Bioaccumulative, Toxic chemical
vPvB	Very Persistent and Very Bioaccumulative chemical
SVHC	Substances of Very High Concern

### **Sources of key data used to compile the Safety Data Sheet**

European legislation, MedisAlarm database, chemical literature, manufacturer SDS.

### **List of H-phrases**

H225 Highly flammable liquid and vapour.

### **Training advice**

According to SDS.

### **Relevant information for classification**

Classification according to the data from the manufacturer. The mixture is classified using calculation methods according to the regulation CLP. Using only for the purposes designated by the manufacturer will prevent health and environmental risks.

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