

# Material Safety Data Sheet(MSDS)

According to Commission Regulation(EU) 2020/2081 of 14<sup>th</sup> Dec. 2020  
& amending Annex XVII to Regulation(EC) No. 1907/2006 of REACH

## SECTION 1 : Identificaton of the Substance/Mixture and of the Company

### 1.1 Product Identifier

**Trade Name :** **DOREME™**

**Product Name :** 09 Khaki Brown

**Description :** Mixture for use in tattoos or permanent make-up

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

Professional uses of Permanent make-up

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

**The Manufacturer :** JHNMICROTECH

**Address :** 305, 16-25, Dongbaekjungang-ro16beon-gil, Giheung-gu,  
Yongin-si Gyeonggi-do, KOREA

**Phone :** 82.31.8021.0977

**Fax :** 82.31.8021.0978

**E-mail :** jhnmicrotech@gmail.com

### 1.4 Emergency call number

82.31.8021.0977(Available : 10:00 ~ 18:00/KST)

## SECTION 2 : Hazards Identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation(EC) No 1272/2008(CLP)  
'Mixture for use in tattoos or permanent make-up'

### 2.2 Label elements

Labelling according to Regulation(EC) No 1272/2008(CLP)

**Hazard Pictogram**



**Signal Word :** Danger

**Hazard statements :** H225 Highly flammable liquid and vapour.

**Precaution statements :** P210, P233, P240, P241, P242, P243, P280.

### 2.3 Other Hazards :

The components of this products follow to Commission regulation (EU) 2020/2081 of 14 December 2020, amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) for the substances contained in tattoo or Permanent makeup pigment.

### SECTION 3 : Composition / Information on Ingredients

CAS No.	EC No.	IUPAC Name	% (Weight)	Classification according to Regulation(EC) No. 1278/2008(CLP)
56-81-5	200-289-5	Glycerin	35~40%	Not Listed
1317-61-9	215-277-5	CI 77499	25~30%	Not Listed
51274-00-1	257-098-5	CI 77492	10~15%	Not Listed
7732-18-5	231-791-2	Water	5~10%	Not Listed
64-17-5	200-578-6	Ethyl Alcohol	5~10%	F; R11
1309-37-1	215-168-2	CI 77491	1~5%	Not Listed
504-63-2	207-997-3	Propane-1,3-diol	1~5%	Not Listed

### SECTION 4 : First Aid Measures

#### 4.1 Description of first aid measures

**General Notes :** Get medical advice, attention if you feel unwell.

**Following inhalation :** If inhaled, remove to fresh air.

**Following skin contact :** Wash with soap and water. In case of irritation, seek medical advice.

**Following eye contact :** Irrigate copiously with water. If symptoms persist, consult ophthalmologist.

**Folloing ingestion :** Do not induce to vomiting. Flush mouth with water.

**Self-Protection of the first aider :** No Special Measure.

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

**Symptoms :** No symptoms known currently.

**Hazards :** No hazards known at this time.

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

**Treatment :** Treat symptomatically.

## SECTION 5 : Firefighting Measures

### 5.1 Extinguishing media

Use carbon dioxide (CO<sub>2</sub>) or dry chemical extinguisher or aqueous foam or water for large fires

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

In case of fires, hazardous combustion gases are formed:  
Carbon Monoxide(CO), Carbon Dioxide(CO<sub>2</sub>), Nitrogen Oxides(NO<sub>x</sub>)

### 5.3 Advise for firefighters special protective equipment for

**firefighting** : Self-contained breathing apparatus

**Further Information** : Wear suitable protective equipment.

## SECTION 6 : Accidental Release Measures

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

Wear suitable protective equipment. void dust formation. Keep away sources of ignition.

### 6.2 Environmental precautions :

The product should not be allowed to enter drains, water courses or the soil.

### 6.3 Methods and material for containment

**And Cleaning up :** Avoid dust formation

### 6.4 Reference to other sections additional

Take measures to prevent the build up of electrostatic charge. Use mechanical handling equipment. Treat recovered material as described in the section "Disposal considerations"  
Keep away sources of ignition, stop running engines, no smoking. Moisten spilled material with water, cover with wet sand or wetted binder, then take up.  
For disposal considerations see section 13.

## SECTION 7 : Handling and Storage

### 7.1 Precautions for safe Handling

Keep container tightly closed. Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see Section 8). Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws

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

Store in accordance with local regulations. Notes on joint storage Keep away from: oxidising agents, strong alkalis, strong acids. Additional information on storage conditions Store in a dry, cool and well-ventilated area. Keep container tightly closed. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

## SECTION 8 : Exposure Controls / Personal Protection

### 8.1 Control parameters

**Exposure limits** : No exposure limit value known.

### 8.2 Exposure Controls

**Respiratory Protection** : Wear Mask.

**Hand Protection** : Wear appropriate gloves.

**Eye/Face Protection** : Wear appropriate goggles.

**Skin/Body Protection** : Wear safety clothing.

## SECTION 9 : Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance** : Colored Emulsion

**Odor** : Neutral to slightly alcoholic

**Melting Point/Freezing Point** : No Data

**Boiling Point/Range** : No Data

**Flammability** : Not applicable

**Lower and Upper Explosion Limit** : Not applicable

**Flash Point** : 100°C (90%) [ASTM D93]

**pH** : 5.5 - 7.5 [50g/l water, 68°F(20°C)]

**Solubility** : 10% Insoluble

**Vapour Pressure** : 0.0025mm Hg (at 50°C)

**Density and/or Relative Density** : 1.4 - 1.5g/cm<sup>3</sup> @ 20°C [KS M ISO 2811-1:2007]

**9.2 Other Information** : No additional information.

## SECTION 10 : Stability and Reactivity

**10.1 Reactivity** : Stable at normal ambient temperature and pressure.

**10.2 Chemical Stability** : Stable

### 10.3 Possibility of hazardous Reactions

Reactions with alkali metals.

**10.4 Conditions to avoid** : Keep away from heat, flames and sparks. / Ignition

**10.5 Incompatible materials** : Strong oxidizing agents / Strong reducing agents

### 10.6 Hazardous decomposition Products

When handled and stored appropriately, no dangerous decomposition products are known

## SECTION 11 : Toxicological Information

### 11.1 Information on Toxicological Effects

**Acute Oral Toxicity** : No data available

**Skin Corrosion/Irritation** : No data available

**Serious Eye Damage/Irritation** : No data available

**Respiratory or Skin Sensitization** : No data available

**Germ Cell Mutagenicity** : No data available

**Carcinogenicity** : No data available

**Reproductive Toxicity** : No known significant effects or critical hazards.

**Summary of evaluation of the CMP** : -

**Properties** : No data available

**STOT-Single Exposure** : No known significant effects or critical hazards.

**STOT-Repeated Exposure** : No known significant effects or critical hazards.

**Aspiration Hazard** : No known significant effects or critical hazards.

## SECTION 12 : Ecological Informaion

**12.1 Toxicity** : No data available

### 12.2 Persistence and

**Aspiration Hazard** : No data available

**12.3 Bioaccumulative potential** : No data available

**12.4 Mibility in soil** : No data available

### 12.5 Endocrine Disrupting

**Properties** : No data available

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13 : Disposal Considerations

### 13.1 Waste treatment methods

This product is not identified as a hazardous waste under RCRA40 CFR 261, and is not regulated by CERCLA. Dispose of residual waste should be in accordance with local regulations.

## SECTION 14 : Transport Information

- 14.1 UN No. :** -
- 14.2 UN Proper Shipping Name :** -
- 14.3 Transport Hazard Class :** Not Regulated.
- 14.4 Packing Group :** -
- 14.5 Environmental Hazard :** -
- 14.6 Special Precautions for User :** -
- 14.7 Maritime Transport in Bulk**  
**according to IMO Instruments :** Not Hazardous Material
- 14.8 Others :** IMDG (Maritime) : Not hazardous material  
ADR (Road transport) : Not hazardous material  
RID (Transport by rail) : Not hazardous material  
IATA Regulation (Transport by air) : Not hazardous material

## SECTION 15 : Regulatory Information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or Mixture**  
Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.
- 15.2 Chemical safety assessment :** A Chemical Safety Assessment has been carried out for this substance.

## SECTION 16 : Other Information

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. JHNMICROTECH makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of JHNMICROTECH's products for its particular application. Nothing included in this information waives any of JHNMICROTECH's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing JHNMICROTECH products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact JHNMICROTECH.