

# ***MATERIAL SAFETY DATA SHEET: ZERO HEMP SOAP (LIQUID +PASTE)***

**Date of issue: 21st July 2018**

## ***1 - CHEMICAL PRODUCT/ COMPANY IDENTIFICATION***

**Product name:** LIQUID HEMP SOAP + HEMP SOAP PASTE

**Trade name:** ZERO SOAP

**Product reference company:** ZERO SOAP

**Producer:** David O'Carroll (ZERO SOAP - Ballagh Botanicals)

Ballagh Micro Farm. Beenleigh Meadows. Totnes. TQ9 7NE.

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## ***2 - COMPOSITION/INFORMATION ON INGREDIENTS***

- **INCI Name:** Aqua, Potassium Hempseedate, Glycerin, Mentha Spicata (Spearmint) Herb Oil, Charcoal Powder (EP/BP Grade), Lavandula Officinalis (Lavender) Flower Oil
- **Chemical description:** Potassium salts of Fatty acid triglyceride *INCI names for saponified oils (soap) are used when these exist*
- **Substance presenting health Hazard:** None

## ***3 - HAZARD IDENTIFICATION***

- **Environmental Hazards:** Not to be expected if handled and used properly.
- **Human Health Hazards:** Not to be expected if handled and used properly.

## ***4 - FIRST AID MEASURES***

### **Effects and symptoms:**

- Ingestion: Not considered dangerous
- Inhalation: Not considered dangerous
- Skin contact: Non-irritating
- Eye contact: May cause irritation

### **First Aid Measures:**

- Ingestion: Not a direct hazard.
- Inhalation: No vapours appear at normal working temperature.
- Skin contact: Not a direct hazard.
- Eye contact: Not a direct hazard. Flush with clean water.

## **5 - FIRE FIGHTING MEASURES**

- **Extinguishing Media**  
Suitable: Dry powder, foam, carbon dioxide.  
Unsuitable fire extinguisher: none
- **Special Firefighting Procedures**  
Protection of Firefighters: Wear self contained breathing apparatus and other protective clothing.

## **6 - ACCIDENTAL RELEASE MEASURES**

- **Personal Precautions:** Watch out for slippery conditions when spillage. Avoid contact with eyes.
- **Environmental Precautions:** None required.
- **Methods of Cleaning Up:** Pick up excess with inert absorbent material and flush area with warm water.

## **7 - HANDLING AND STORAGE**

- **Handling:** Handle with care and avoid spillage on the floor (slippage)
- **Measures for safety handling:** Consider normal working hygiene. Keep away from sources of ignition.
- **Storage:** Store in a dry place. Keep away from heat.
- **Suitable packing materials:** No specific requirements (absence of nitrosating agents). Plastic drums or kegs, dark plastic containers, dark glass. *Cosmetic grade materials must be used for retail packaging.*
- **Not suitable packaging materials:** Not direct contact with tin.

## **8 - EXPOSURE CONTROL / PERSONAL PROTECTION**

- **Further measures to the design of technical equipment:** None required.
- **Respiratory protection:** No special measures at normal room temperature
- **Hand protection:** No special measures at normal room temperature
- **Eye protection:** No special measures at normal room temperature
- **Skin protection:** No special measures at normal room temperature

## **9 - PHYSICAL AND CHEMICAL PROPERTIES**

### **Appearance**

Form: **Liquid at 20 °C.**

1. Natural Hemp Soap - liquid soap - clear green colour. Fragrance - oily (hemp) scent, slightly earthy.
2. Natural Hemp Soap with Activated Charcoal (unscented) - liquid soap - black colour. Fragrance - slightly (hemp) oily scent.
3. Natural Hemp Soap with Mint - liquid soap - clear green colour. Fragrance -mint.
4. Natural Hemp Soap with Lavender - liquid soap - clear green colour. Fragrance - lavender.
5. Natural Hemp Soap with Mint with Activated Charcoal - liquid soap - black colour. Fragrance -mint.
6. Natural Hemp Soap with Lavender with Activated Charcoal - liquid soap - black colour. Fragrance -Lavender.

Form: **Paste at 20 °C.**

1. Natural Hemp Soap - soap paste- clear green colour. Fragrance - oily (hemp) scent, slightly earthy.
2. Natural Hemp Soap with Activated Charcoal (unscented) - soap paste - black colour. Fragrance - slightly (hemp) oily scent.
3. Natural Hemp Soap with Mint - soap paste - clear green colour. Fragrance - mint.
4. Natural Hemp Soap with Lavender - soap paste - clear green colour. Fragrance - lavender.
5. Natural Hemp Soap with Mint with Activated Charcoal - soap paste - black colour. Fragrance -mint.
6. Natural Hemp Soap with Lavender with Activated Charcoal - soap paste - black colour. Fragrance -Lavender.

### **Information related to safety**

- Melting point: Liquid at positive centigrade temperature.
- Boiling Point: NA
- Flash Point: >200 °C
- Ignition Temperature: NA
- Auto inflammability: Not possible
- Explosive properties: Not explosive
- Limits of flammability: NA
- Vapour pressure: Less than 0.01mmHg
- Density at 20°C: 0.91
- pH -value: Soluble in water.

## ***10 - STABILITY AND REACTIVITY***

- **Conditions to avoid:** Oxidation promoting conditions (Heat, Sunlight and Air).
- **Materials to avoid:** Excessive Oxidizing Agents
- **Hazardous decomposition products:** Only through Thermal decomposition products: H<sub>2</sub>O and CO<sub>2</sub>

## ***11 - TOXICOLOGICAL INFORMATION***

The product is considered non-toxic and of cosmetic quality.

### **Acute Toxicity:**

- \*Oral (LD 50): Not tested on animal
- \*Inhalation (LC 50): Not to be expected
- \*Skin irritation: No skin irritation.
- \*Eye irritation: Slightly irritant.
- \*Sanitation: NA
- \*Chronic Toxicity: Not to be expected

## ***12 - ECOLOGICAL INFORMATION***

- **Elimination (persistency and degradability):** Readily biodegradable  
**Bioaccumulative potential:** NA
- **Ecotoxicity:** NA
- **According to the chemical composition:** No content of heavy metal and substances classified as dangerous for the environment.

## ***13 - DISPOSAL CONSIDERATIONS***

- **Product:** Dispose of in accordance with local regulations. This material is not considered Hazardous Waste.
- **Contaminated packaging:** Suitable waste-disposal site approved by local authorities.

## ***14 - TRANSPORT INFORMATION***

- Land transport ADR/RID and GGVS/GGVE: Not classified
- Sea transport IMDG/GGVSee: Not classified
- Air Transport ICAO-TI and IATA-DGR: Not Classified
- Transport/Further information: Not hazardous product according to these transport classifications.

## ***15 - REGULATORY INFORMATION***

Classification according to EEC directives.

According to our information this product is not dangerous material.

- Symbols and phrases according to health hazards: None.
- Dangerous substances to label: None.
- R-phrases: None
- S-phrases: None

## ***16 - OTHER INFORMATION***

This information is given in good faith and based on our current knowledge of the product.

The above information is not claiming characteristics of the product in term of legal claims of performance / guarantee.

This information only describes safety measures and no liability may arise from the use or application of the product described herein

