# SAFETY DATA SHEET

**(according to Regulation (EU) No. 1907/2006 and OSHA (US) 29 CFR 1910.1200 and 49 CFR)**

# PRODUCT: THYMOL CRYSTALS

Version: 4 Revision date: 03/13/2023

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

**1.1 Product identifier :** THYMOL CRYSTALS

**Chemical name:** Thymol

**CAS:** 89-83-8 **EC Number:** 201-944-8

**Index No.:** 604-032-00-1 **REACH Registration number:** {?/REACH}

**1.2 Relevant identified uses of the substance or mixture:** Industrial uses. Formulation [mixing] of preparations..

**Uses advised against:** Other uses than those recommended.

**1.3 Details of the supplier of the safety data sheet:**

**IL Health & Beauty Natural Oils Co., Inc.**
**2644 Hegan Ln, Chico, CA 95928**
**Tel, USA: 1-530-399-3782**
**info@hbno.com**

**1.4 24 Hour Emergency telephone number:**
**USA National Poison Control Center (any day/time) 1 (412) 681-6669.**

## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**

**Classification according to the Regulation (EC) No 1272/2008.**
Acute toxicity (oral), Hazard Category 4; H302
Skin corrosion/irritation, Hazard Category 1B; H314
Serious eye damage/eye irritation, Hazard Category 1; H318
Hazardous to the aquatic environment — long-term hazard, category chronic 2; H411.

**2.2 Label elements**

Index No: 604-032-00-1
Thymol



Signal word: Danger

Hazard Statements:
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage. H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor.
P501: Dispose of contents/container to an approved waste disposal plant.

### 2.3 Other hazards

Not available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

| Concentration range of the constituent (% weight/weight) | EC Number / Registration Number | CAS | Chemical name |
|---|---|---|---|
| 100% | 201-944-8 | 89-83-8 | Thymol |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

Consumption: If swallowed, rinse mouth with water.
Seek medical advice immediately and show this container or label. Do NOT induce vomiting.

Eye contact: First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

Inhalation: Remove person to fresh air and keep at rest.

Skin contact: Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

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

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

Not available.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media:**

Carbon dioxide, dry chemical powder or appropriate foam.

For safety reasons do not use full water jet.

**5.2 Special hazards arising from the substance or mixture**: Not applicable.

**5.3 Advice for firefighters:**

In case of fire in the surrounding area, follow the recommendations below:

- Avoid inhalation of fumes or vapors. Use appropriate respiratory protection.
- Prevent run-off from fire fighting to enter drains or water courses.

## SECTION 6: Accidental release measures

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

Wear appropriate gloves to prevent skin exposure.

Avoid dust formation and prevent scattering by moistening with water.

Maintain adequate ventilation in the working area after spilling.

**6.2 Environmental precautions:**

Avoid contaminating the environment via the sewers or water sources.

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

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

**6.4 Reference to other sections:**

See also sections 8 and 13.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling:**

Keep away from food, drink and animal feeding stuffs. Do not smoke.

Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

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

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

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

Not available.

## SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**

Declaration of substances is not required.

**8.2 Exposure controls**

| | |
|---|---|
| Personal protection equipment: | Use personal protection equipment according to Directive 89/686/EEC. |
| Engineering Controls-Ventilation: | The areas where the product is handled and stored should be adequately ventilated. |
| Respiratory Protection: | Use personal breathing apparatus whenever deemed necessary. |
| Skin Protection: | Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse. |
| Eye/Face protection: | Chemical safety goggles are recommended. Wash contaminated goggles before reuse. |

## SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

| | |
|---|---|
| Appearance: | CRYSTALS SOLID |
| Color: | WHITE |
| Odor: | PHENOLIC |
| Melting point: | 49.5000 °C |
| Flash point: | > 100 °C |
| Additional information: | Not applicable. |

## SECTION 10: Stability and reactivity

**10.1 Reactivity:** Not available.

**10.2 Chemical stability:** Stable under normal operating conditions.

**10.3 Possibility of hazardous reactions:**

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

**10.4 Conditions to avoid:** Heat, flames and other sources of ignition.

**No special precautions other than good housekeeping of chemicals.**

**10.5 Incompatible materials:** Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

**10.6 Hazardous decomposition products:** Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

| | |
|---|---|
| Acute toxicity: | This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| Skin corrosion/irritation: | This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| Serious eye damage/irritation: | This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| Respiratory or skin sensitization: | This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| Germ cell mutagenicity: | This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| Carcinogenicity: | This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| Reproductive toxicity: | This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| STOT-single exposure: | This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| STOT-repeated exposure: | This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. |
| Aspiration toxicity: | This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. |

## SECTION 12: Ecological information

**12.1 Acute aquatic toxicity:** Not determined

**12.2 Persistence and degradability:** Not available.

**12.3 Bioconcentration Factor:** Not determined

**12.4 Mobility in soil:** Not available.

**12.5 Results of PBT and vPvB assessment:** Not determined

**12.6 Other adverse effects:** Do not allow the material to enter streams, sewers or other waterways.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

## SECTION 14: Transport information

**International Carriage of Dangerous Goods by Road (ADR)**

| | |
|---|---|
| UN No.: | UN2430 |
| Proper Shipping Name: | ALKYLPHENOLS, SOLID, N.O.S. (including C2-C12 homologues) |
| Packing Group: | III |
| Class: | 8 |
| Tunnel restriction code: | (E) |
| Label: | |

8

**Sea Transport (IMDG)**

| | |
|---|---|
| UN No.: | UN2430 |
| Proper Shipping Name: | Alkylphenols, solid, n.o.s. (including c2-c12 homologues) |
| Packing Group: | III |
| Class: | 8 |
| Marine Pollutant: | Yes |
| Label: | |



**Air Transport (ICAO/IATA)**

| | |
|---|---|
| UN No.: | UN2430 |
| Proper Shipping Name: | Alkylphenols, solid, n.o.s. |
| Packing Group: | III |
| Class: | 8 |
| Label: | |



## SECTION 15: Regulatory information

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

Not available

**15.2 Chemical safety assessment:**

Not available.

## SECTION 16: Other information

This material should only be used for industrial purposes.

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Key literature references and sources for data:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
3. OSHA (US) 29 CFR 1910.1200 and 49 CFR, modifying the Hazard Communication Standard and aligning it with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

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