

## HORMODIN® 1, HORMODIN® 2, HORMODIN® 3

EPA Registration No's: 59807-4, 59807-2, 59807-3

### 1. IDENTIFICATION

**Product Identifier** . . . . . Hormodin® 1, 2, 3

**EPA Registration No.** . . . . . 59807-4, 59807-2,  
59807-3

**Recommended use** . . . . . Rooting Hormone.

**Restrictions on use** . . . . . Not for human or  
animal use.

**Company information** . . . . . OHP, Inc.  
PO Box 51230  
Mainland, PA 19451  
(800) 659-6745

**Emergency telephone number**

#### TRANSPORTATION EMERGENCY

(24 hours a day) call . . . . . Chemtec: 1-800-424-9300

**MEDICAL EMERGENCY (24 hours a day) and Product  
Information call** . . . . . 1-800-356-4647

**SDS Information or**

**Request.** . . . . . ohp.com

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage/eye irritation - Category 2B

#### GHS Label Elements

**Signal Word** . . . . . Warning

**Hazard Statement(s)** . . . . . Causes eye irritation.

#### Precautionary Statement(s):

**Prevention** . . . . . Wash hands thoroughly  
after handling.

Wash hands and skin thoroughly after handling.

**Response** . . . . . IF IN EYES:

Rinse cautiously with water for several minutes. Re-  
move contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS-No.	(%)	LD50 (Oral)
------------------	---------	-----	-------------

Talc (Magnesium silicate hydroxide)	14807-96-6	95 - 99	NA
--	------------	---------	----

**Chemical  
Name**

**CAS-No.**

**(%)**

**LD50 (Oral)**

Indole-3-  
Butyric Acid  
(IBA)

133-32-4

0.1 - 0.9

100 mg/kg  
(ORAL,  
MOUSE)

### 4. FIRST AID MEASURES

#### First-aid Measures

**Inhalation** . . . . . Move to fresh air.

Get medical advice/attention if you feel unwell or are  
concerned. If breathing is difficult, trained personnel  
should administer emergency oxygen if advised to  
do so by Poison Center or doctor.

**Skin Contact.** . . . . . Take off contaminated  
clothing, shoes and leather goods (e.g. watchbands,  
belts). Immediately wash gently and thoroughly with  
lukewarm, gently flowing water and mild soap for 15-  
20 minutes. Get medical advice/attention if you feel  
unwell or are concerned.

**Eye Contact** . . . . . Immediately rinse the  
contaminated eye(s) with lukewarm, gently flowing  
water for 15-20 minutes, while holding the eyelid(s)  
open. If eye irritation persists, get medical advice/  
attention.

**Ingestion.** . . . . . Rinse mouth with water.  
Get medical advice/attention if you feel unwell or are  
concerned.

#### Immediate Medical Attention and Special Treatment

**Target Organs** . . . . . Eyes, digestive system,  
respiratory system.

**Special Instructions.** . . . . . Monitor lung function.

### 5. FIREFIGHTING MEASURES

#### Suitable Extinguishing

**Media.** . . . . . Not combustible.

Use extinguishing agent suitable for surrounding fire.  
Carbon dioxide, dry chemical powder, appropriate  
foam, water spray or fog.

#### Specific Hazards Arising

**from the Chemical** . . . . . Does not burn.

Corrosive, oxidizing nitrogen oxides; very toxic car-  
bon monoxide, carbon dioxide.

#### Special Protective Equipment and Precautions

**for Fire-fighters** . . . . . Wear self-contained  
breathing apparatus in confined areas or when ex-  
posed to combustion products.

## HORMODIN® 1, HORMODIN® 2, HORMODIN® 3

EPA Registration No's: 59807-4, 59807-2, 59807-3

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures.** . . . : Use the personal protective equipment recommended in Section 8 of this safety data sheet.

#### Environmental

**Precautions** . . . . . : It is good practice to prevent releases into the environment.

#### Methods and Materials for Containment and

**Cleaning Up** . . . . . : If clean and dry. Sweep up spilled material and use or dispose of in approved manner. Do not use water as this will make surfaces extremely slippery. If wet, flush heavily with water until non-slippery.

### 7. HANDLING AND STORAGE

#### Precautions for

**Safe Handling.** . . . . . : Should only be handled by those trained in potentially hazardous materials. Prevent skin contact. Do not get in eyes. Only use where there is adequate ventilation. Avoid generating dusts. Surfaces subject to spills or dusting can become extremely slippery. Keep surfaces clean and dry.

#### Conditions for

**Safe Storage.** . . . . . : Keep out of reach of children. Store in an area that is: cool, dry, ventilated. Store in the original, labelled, shipping container. Store in a closed container.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Control Parameters

	ACGIH TLV®		OSHA PEL		AIHA WEEL	
Chemical Name	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Talc (Magnesium silicate hydroxide)	2 mg/m3		2 mg/3m			

#### Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

#### Individual Protection Measures

**Eye/Face Protection** . . . . . : Wear chemical safety goggles and face shield when contact is possible.

**Skin Protection** . . . . . : Wear chemical protective clothing e.g. gloves, aprons, boots.

**Eye/Face Protection** . . . . . : Use an appropriate respirator or dust mask.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Basic Physical and Chemical Properties

**Appearance** . . . . . : fine powder.  
Particle Size:  
Not available

**Odour** . . . . . : Not available

**Odour Threshold** . . . . . : Not applicable

**pH** . . . . . : 9.5 (5% solution)

#### Melting Point/

**Freezing Point** . . . . . : 124 - 126 °C (melting);  
Not available (freezing)

#### Initial Boiling

**Point/Range** . . . . . : Not available

**Flash Point** . . . . . : Not available

**Flammability (solid, gas)** . . : Will not burn.

#### Upper/Lower Flammability or

**Explosive Limit.** . . . . . : Not available (upper);  
Not available (lower)

**Vapour Pressure** . . . . . : Not available

**Vapour Density (air = 1)** . . : Not available

#### Relative Density

**(water = 1)** . . . . . : Not available

**Solubility.** . . . . . : Not available in water

#### Partition Coefficient, n-Octanol/Water

**(Log Kow)** . . . . . : Not available

#### Decomposition

**Temperature.** . . . . . : Not available

**Viscosity.** . . . . . : Not available (kinematic);  
Not available (dynamic)

#### Other Information

**Physical State** . . . . . : Solid

**Molecular Formula.** . . . . : Not applicable

**Molecular Weight.** . . . . . : Not applicable

**Bulk Density.** . . . . . : Not available

### 10. STABILITY AND REACTIVITY

**Reactivity** . . . . . : Not reactive under normal conditions of use.

**Chemical Stability** . . . . . : Normally stable.

#### Possibility of

**Hazardous Reactions** . . . . : None expected under normal conditions of storage and use.

## HORMODIN<sup>®</sup> 1, HORMODIN<sup>®</sup> 2, HORMODIN<sup>®</sup> 3

EPA Registration No's: 59807-4, 59807-2, 59807-3

**Conditions to Avoid** . . . . . Light. Heat.  
Incompatible materials.

**Incompatible Materials** . . . . . Strong oxidizing agents,  
strong bases.

### Hazardous Decomposition

**Products** . . . . . Very toxic carbon  
monoxide, carbon dioxide; corrosive, oxidizing  
nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure** . . . . . Inhalation; eye contact.

### Acute Toxicity

Chemical Name	LD50 (oral)	LC50	LD50 (dermal)
Indole-3-Butyric Acid (IBA)	100 mg/kg (mouse)		

**Skin Corrosion/Irritation** . . . . . May cause mild irritation  
based on information for closely related chemicals. Gran-  
ulomas have been reported when talc was introduced into  
open wounds.

### Serious Eye

**Damage/Irritation** . . . . . May cause serious eye  
irritation based on information for closely related ma-  
terials.

### STOT (Specific Target Organ Toxicity)

#### - Single Exposure

**Inhalation** . . . . . Symptoms may include  
coughing, shortness of breath, difficult breathing and  
tightness in the chest.

**Skin Absorption** . . . . . Not absorbed  
through skin.

**Ingestion** . . . . . Can cause effects as  
described for inhalation. May cause adverse health  
effects.

**Aspiration Hazard** . . . . . No information was  
located.

### STOT (Specific Target Organ Toxicity)

#### - Repeated Exposure

May cause irritation of the respiratory system. Re-  
spiratory tract injury has been observed. Symptoms  
may include shortness of breath, rapid breathing,  
and coughing. The ability to do some physical activi-  
ties can be reduced.

**Carcinogenicity** . . . . . No information was  
located.

## Reproductive Toxicity

**Development of Offspring** . . . . . No information was  
located.

**Sexual Function and Fertility** . . . . . No information was  
located.

**Effects on or via Lactation** . . . . . No information was  
located.

**Germ Cell Mutagenicity** . . . . . No information was  
located.

**Interactive Effects** . . . . . No information was  
located.

## 12. ECOLOGICAL INFORMATION

**Toxicity** . . . . . No information was  
located.

**Persistence and Degradability** . . . . . No information was  
located.

**Bioaccumulative Potential** . . . . . No information was  
located.

**Mobility in Soil** . . . . . No information was  
located.

**Other Adverse Effects** . . . . . There is no information  
available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods** . . . . . Contact local environ-  
mental authorities for approved disposal or recycling  
methods in your jurisdiction.

## 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations.  
Not regulated under US DOT Regulations.  
Not regulated under IATA Regulations.

**Special Precautions for User** . . . . . Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code** . . . . . Not applicable

**HORMODIN® 1, HORMODIN® 2, HORMODIN® 3****EPA Registration No's: 59807-4, 59807-2, 59807-3****15. REGULATORY INFORMATION****EPA/FIFRA Information:**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

**Signal word:** . . . . .: Caution!

**Hazard statements:** . . . . .: Causes moderate eye irritation. Wear protective eyewear (goggles, face shield or safety glasses).  
Harmful if inhaled or absorbed through the skin  
Avoid contact with eyes, skin or clothing.  
Avoid breathing dust. Wash thoroughly with soap and water after handling.  
Remove contaminated clothing and wash before re-use.

**16. OTHER INFORMATION**

**EPA Registration No's** . . . . : Hormodin 1 = 59807-4  
Hormodin 2 = 59807-2  
Hormodin 3 = 59807-3

**Date of Preparation** . . . . .: May 22, 2015

**Disclaimer** . . . . .: To the best of our knowledge, the information contained herein is accurate. However, neither OHP, Inc., nor any of its distributors, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Although certain hazards are described, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of any product is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.

Hormodin is a registered trademark of OHP, Inc.