

# Material Safety Data Sheet

NH Oil  
Undercoating Inc.  
603-491-9012

Revision: 1.6  
January 2022  
Page 1 of 6

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	NHOU-ENVIRO
<b>Chemical name:</b>	Industrial vegetable oil based Lubricating- Undercoating
<b>Use(s):</b>	Lubricating-Undercoating

**Supplier:** NH Oil Undercoating Inc.  
603-491-9012 169 Dover rd  
Chichester NH 03258

**Manufacturer:**

**Prepared by/For MSDS, Product  
Safety, or regulatory inquiries, call:  
Issue date:**

Original 2021.12.02, current 2022.24.09

**Emergency telephone number:** NHOU 855 OIL-RUST or

**Customer Service:** 603-491-9012

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS#	%W/W
No hazardous ingredients	-	
Proprietary Mixture	-	

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
MAY CAUSE EYE IRRITATION.



## 4. FIRST AID MEASURES

### Swallowing

Obtain medical attention. Never give anything by mouth to an unconscious person. Not expected to be toxic by ingestion.

### Skin

Wash thoroughly with warm water using a mild soap. If hot material contacts skin, immediately cool before attempting removal. If irritation persists or if contact has been prolonged, obtain medical attention. If high pressure forces the product under the skin get immediate medical attention!

# Material Safety Data Sheet

NH Oil Undercoating Inc.

Revision: 1.6

January 2022

Page 2 of 6

## Inhalation

Remove to fresh air. Aspiration may cause pulmonary edema or aspiration pneumonia. If breathing is difficult, oxygen may be given by qualified personnel. Obtain medical attention if symptoms persist.

## Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention immediately.

---

## 5. FIRE-FIGHTING MEASURES

---

<b>Flash point:</b>	> 180 °C (> 350 °F)
---------------------	---------------------

**Autoignition temperature:** Not determined

### Hazardous combustion products

Combustion may produce the following products:

Oxides of carbon.

Oxides of sulfur.

Oxides of calcium.

### Special firefighting procedures

Use water spray to cool fire-exposed containers and structures.

### Special protective equipment for firefighters

Self-contained breathing apparatus with full face-piece operated in positive pressure mode. Body covering protective clothing, full "turn-out" gear.

### Extinguishing media

Suitable: Small fires:  
- CO2  
- dry chemical  
- dry sand  
- vermiculite  
Large fires:  
Treat as an oil fire.  
- water fog  
- foam

Unsuitable: Oil will float on water and can spread any fire.

### Unusual fire and explosion hazards

This product poses no unusual firefighting problems. Burning can produce the following combustion products: Oxides of carbon. Oxides of sulfur.

---

## 6. ACCIDENTAL RELEASE MEASURES

---

### Personal precautions

Wear suitable protective equipment.

# Material Safety Data Sheet

NH Oil Undercoating Inc.

Revision: 1.6  
January  
2022 Page 3  
of 6

## Environmental precautions

Prevent from entering sewer system or surface water.

## Methods for cleaning up

Stop the leak if it can be done without risk.

Large spill: Dike area of spill to prevent spreading and pump liquid to salvage tank.

Small spill: Soak up with absorbent material. Transfer absorbent material to a suitable waste container.

Dispose according to regulatory requirements.

---

## 7. HANDLING AND STORAGE

---

### HANDLING

#### Handling precautions

Keep drums tightly closed to prevent contamination. Avoid contact with eyes, skin and clothing. Wear standard recommended personal protection equipment used for other lubes.

### STORAGE

#### Storage requirements

Normal precautions common to good safety practice should be followed in storage.

#### Further information on storage

Keep away from strong oxidizing agents.

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

---

### PERSONAL PROTECTION

#### Respiratory protection

None required in normal use. NIOSH approved respirator with dual organic vapor/mist and particulates cartridge if vapor concentration exceeds permissible exposure limit.



#### Hand protection / protective gloves

Wear standard or better oil resistant gloves.

#### Eye protection

Moist goggles

Face shield if risk of splashing or releases from high pressure greasing equipment

#### Skin protection

Wear protective clothing, such as long sleeves to minimize skin contact.

#### Industrial hygiene measures

Good personal hygiene practices should always be followed. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of the work period. Product should be readily removed from the skin by waterless hand cleaners followed by washing thoroughly with soap and water.

## ENGINEERING CONTROLS

### Ventilation

For normal applications, special ventilation is not necessary.

Local ventilation is needed in the presence of airborne mists although unlikely with a grease.

# Material Safety Data Sheet

NH Oil Undercoating Inc.

Revision: 1.6  
January 2022  
Page 4 of 6

## EXPOSURE LIMITS

Component	Type	Value	Remark
Vegetable Oil Mist	TWA (mist), ACGIH	5.0 mg/m <sup>3</sup>	If used in way that generates a "mist" observe the limits for Vegetable Oil Mist.
	STEL (mist), ACGIH	10.0 mg/m <sup>3</sup>	

Consult local authorities for acceptable state/provincial values.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

### APPEARANCE

Physical state	Semi-solid
Color	Tan
Odor	Mild --- Little or no odor.

### OTHER PROPERTIES

Boiling point	
Density	0.95 - 1.05 g/cm <sup>3</sup> at 25 °C
Vapor pressure	< 0.0008 hPa (0.00 mmHg) at 20 °C
Solubility in water	Negligible
Solubility in organic solvents	Partially soluble
Partitioning coefficient	N-octanol log P <sub>ow</sub> 1.34
Flash point	> 180 °C (> 350 °F) Method: Open cup
Kinematic viscosity	Not determined

---

## 10. STABILITY AND REACTIVITY

---

**Stability:** This product is stable under normal storage and handling conditions.

**Incompatible materials:** Avoid contact with Oxidizing agents.

**Hazardous polymerization:** Will not occur.

---

## 11. TOXICOLOGICAL INFORMATION

---

### GENERAL

No evidence of harmful effects from available information.

# Material Safety Data Sheet

NH Oil Undercoating Inc.

Revision: 1.6

January 2022

Page 5 of 6

## SWALLOWING

### Acute effects

No evidence of harmful effects from available information.  
May cause the following effects:  
- diarrhea

### Chronic effects

No data available.

### Test results

Acute toxicity: Remark: No data available. Should less than mineral oil based greases.

## SKIN ABSORPTION

### Acute effects

If high pressure forces the product under the skin get immediate medical attention!

## INHALATION

### Acute effects

No information available.

Mist or spray may cause the following effects:

- delayed onset of pulmonary edema

## SKIN CONTACT

### Acute effects

May cause irritation.

## EYE CONTACT

### Acute effects

May cause irritation.

---

## 12. ECOLOGICAL INFORMATION

---

This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant.

Acute Toxicity: Static non-renewal, 48 hour Mysid shrimp (*Mysidopsis bahia*) test in seawater per EPA Method 2007.0.  
Value: LL >1000 ppm, not lethally toxic at 1000 ppm.

Acute Toxicity: Static non-renewal, 48 hour water flea (*Daphnia pulex*) test in freshwater per EPA Method 2021.0  
Value: LL >1000 ppm, not lethally toxic at 1000 ppm.

Biodegradation: CEC-L-33-T-82  
Value: 81 %

# Material Safety Data Sheet

NH Oil Undercoating Inc.

Revision: 1.6  
January  
2022 Page 6  
of 6

---

## 13. DISPOSAL CONSIDERATIONS

---

**General:** The generation of waste should be avoided or minimized wherever possible. Bury in a landfill or incinerate in a furnace in accordance with applicable national and local regulations. Incineration is the standard recommended disposal method for all chemical wastes. Material collected on absorbent material may be landfilled in accordance with all applicable regulations.

---

## 14. TRANSPORT INFORMATION

---

### **TDG - Canada**

This product is not regulated by TDG.

### **IMDG Classification**

This product is not regulated by IMDG.

### **ICAO Classification**

This product is not regulated by ICAO.

---

## 15. REGULATORY INFORMATION

---

### **WHMIS CLASSIFICATION**

**NC** Not controlled.

### **CPR Compliance**

This product has been classified with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

### **CHEMICAL INVENTORY**

Canada The ingredients of this product are on the DSL.

United States: The ingredients of this product are on the TSCA inventory.

---

## 16. OTHER INFORMATION

---

### **LEGEND**

STP	Standard temperature and pressure
W/W	Weight/Weight

The opinions expressed herein are those of qualified experts. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of the supplier, it is the user's obligation to determine the conditions of safe use of the product.