

# Safety Data Sheet

## Feed-N-Wax

SDS Revision Date:

07/31/2014

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product Identity** Feed-N-Wax

**Alternate Names** Feed-N-Wax

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

**Intended use** Wood polish & conditioner

**Application Method** See Technical Data Sheet.

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

**Company Name** Howard Products, Inc.  
560 Linne Road  
Paso Robles, CA 93446

#### Emergency

**CHEMTREC (USA)** (800) 424-9300

**Customer Service: Howard Products, Inc.** EMERGENCY PHONE: 1-805-227-1000  
FAX PHONE: 1-805-227-1007

### 2. Hazard identification of the product

#### 2.1. Classification of the substance or mixture

|                         |   |
|-------------------------|---|
| Combustible Liquid;H227 | Combustible Liquid.                                   |
| Acute Tox. 4;H332       | Harmful if inhaled.                                   |
| Skin Irrit. 3;H316      | Causes mild skin irritation. (Not adopted by US OSHA) |
| Aquatic Chronic 2;H411  | Toxic to aquatic life with long lasting effects.      |

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



### Warning

H227 Combustible liquid.

H316 Causes mild skin irritation.

H332 Harmful if inhaled.

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H411 Toxic to aquatic life with long lasting effects.

### [Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

### [Response]:

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P332+313 If skin irritation occurs: Get medical advice / attention.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P391 Collect spillage.

### [Storage]:

P403+235 Store in a well ventilated place. Keep cool.

### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations   | Weight % | GHS Classification   | Notes  |
|--|----------|--|--------|
| Distillates (petroleum), hydrotreated heavy paraffinic<br>CAS Number: 0064742-54-7 | 50 - 75  |  | [1]    |
| Distillates (petroleum), hydrotreated light<br>CAS Number: 0064742-47-8            | 25 - 50  | Asp. Tox. 1;H304<br>Aquatic Acute 2;H401<br>Aquatic Chronic 2;H411 | [1]    |
| Paraffin<br>CAS Number: 0008002-74-2   | 1.0 - 10 |  | [1][2] |
| Orange oil<br>CAS Number: 0008008-57-9   | 1.0 - 10 | Flam. Liq. 3;H226<br>Skin Irrit. 2;H315                            | [1]    |
| Beeswax<br>CAS Number: 0008012-89-3  | 1.0 - 10 |  | [1]    |
| Carnauba wax<br>CAS Number: 0008015-86-9   | 1.0 - 10 |  | [1]    |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

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### 4. First aid measures

#### 4.1. Description of first aid measures

|                   |  |
|-------------------|--|
| <b>General</b>    | In all cases of doubt, or when symptoms persist, seek medical attention.<br><br>Never give anything by mouth to an unconscious person.   |
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.    |
| <b>Eyes</b>       | Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. |
| <b>Skin</b>       | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.  |
| <b>Ingestion</b>  | If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.  |

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

|                   |   |
|-------------------|---|
| <b>Overview</b>   | Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.<br><br>Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details. |
| <b>Inhalation</b> | Harmful if inhaled.   |
| <b>Skin</b>       | Causes mild skin irritation. (Not adopted by US OSHA)   |

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Do not use; water jet.

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

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Avoid breathing dust / fume / gas / mist / vapors / spray.

#### 5.3. Advice for fire-fighters

In the event of fire, wear full protective clothing and NIOSH Approved Self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Move container from fire area if it can

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be done without risk. Use water to keep fire exposed containers cool and disperse vapors.

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### 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

#### 6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

#### 6.3. Methods and material for containment and cleaning up

Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

### 7. Handling and storage

#### 7.1. Precautions for safe handling

Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids.

See section 2 for further details. - [Prevention]:

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

Handle containers carefully to prevent damage and spillage.

Store in a cool dry area, away from heat, sparks and open flame. Keep containers sealed when not in use. Store out of direct sunlight.

Incompatible materials: Strong oxidizing agents and acids.

See section 2 for further details. - [Storage]:

#### 7.3. Specific end use(s)

No data available.

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### 8. Exposure controls and personal protection

#### 8.1. Control parameters

|              |  | Exposure |                      |
|--------------|--|----------|----------------------|
| CAS No.      | Ingredient   | Source   | Value                |
| 0008002-74-2 | Paraffin   | OSHA     | No Established Limit |
|              |  | ACGIH    | TWA: 2 mg/m3         |
|              |  | NIOSH    | TWA 2 mg/m3          |
|              |  | Supplier | No Established Limit |
| 0008008-57-9 | Orange oil   | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |
| 0008012-89-3 | Beeswax  | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |
| 0008015-86-9 | Carnauba wax   | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |
| 0064742-47-8 | Distillates (petroleum), hydrotreated light            | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |
| 0064742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |

Contains mineral oil. The exposure limits for oil mist are 5 mg/m3 OSHA PEL and 10 mg/m3 ACGIH.

#### Carcinogen Data

| CAS No.      | Ingredient | Source | Value  |
|--------------|------------|--------|--|
| 0008002-74-2 | Paraffin   | OSHA   | Select Carcinogen: No  |
|              |            | NTP    | Known: No; Suspected: No   |
|              |            | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0008008-57-9 | Orange oil | OSHA   | Select Carcinogen: No  |
|              |            | NTP    | Known: No; Suspected: No   |
|              |            | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0008012-89-3 | Beeswax    | OSHA   | Select Carcinogen: No  |
|              |            | NTP    | Known: No; Suspected: No   |
|              |            | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

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|              |  |      |  |
|--------------|--|------|--|
| 0008015-86-9 | Carnauba wax   | OSHA | Select Carcinogen: No  |
|              |  | NTP  | Known: No; Suspected: No   |
|              |  | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0064742-47-8 | Distillates (petroleum), hydrotreated light            | OSHA | Select Carcinogen: No  |
|              |  | NTP  | Known: No; Suspected: No   |
|              |  | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0064742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | OSHA | Select Carcinogen: No  |
|              |  | NTP  | Known: No; Suspected: No   |
|              |  | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

### 8.2. Exposure controls

#### Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

#### Eyes

Safety glasses with side shields

#### Skin

Wear overalls to keep skin contact to a minimum. Impervious rubber gloves

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

|  |  |
|--|--|
| <b>Appearance</b>                                      | Creamy yellow Wax  |
| <b>Odor</b>  | Orange   |
| <b>Odor threshold</b>                                  | Not Measured   |
| <b>pH Not Determined</b>                               | Not Measured   |
| <b>Melting point / freezing point</b>                  | Not Measured   |
| <b>Initial boiling point and boiling range</b>         | > 93.33 C (>200 F)   |
| <b>Flash Point</b>                                     | 60.55 C (141 F) Tag Closed Cup   |
| <b>Evaporation rate (Ether = 1)</b>                    | < 1 (BuAc=1)   |
| <b>Flammability (solid, gas)</b>                       | Not Applicable   |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> Not Measured<br><b>Upper Explosive Limit:</b> Not Measured |
| <b>Vapor pressure (Pa)</b>                             | Not Measured   |
| <b>Vapor Density</b>                                   | > 1 (air=1)  |
| <b>Specific Gravity</b>                                | Not Measured   |
| <b>Solubility in Water</b>                             | Insoluble  |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured   |

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|                           |               |
|---------------------------|---------------|
| Auto-ignition temperature | Not Measured  |
| Decomposition temperature | Not Measured  |
| Viscosity (cSt)           | Not Measured  |
| % Volatile                | Not Available |

### 9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Avoid high temperatures. Do not mix with other chemicals.

### 10.5. Incompatible materials

Strong oxidizing agents and acids.

### 10.6. Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## 11. Toxicological information

### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

| Ingredient  | Oral LD50, mg/kg            | Skin LD50, mg/kg               | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr | Inhalation Gas LD50, ppm |
|---|-----------------------------|--------------------------------|---------------------------------|-------------------------------------|--------------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic - (64742-54-7) | 5,000.00, Rat - Category: 5 | No data available              | No data available               | 2.18, Rat - Category: 4             | No data available        |
| Distillates (petroleum), hydrotreated light - (64742-47-8)            | 5,000.00, Rat - Category: 5 | 2,000.00, Rabbit - Category: 4 | 5.20, Rat - Category: 3         | 4.30, Rat - Category: 4             | No data available        |
| Paraffin - (8002-74-2)  | 5,000.00, Rat -             | 2,000.00,                      | No data                         | No data                             | No data                  |

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|                            |                             |                      |                          |                   |                   |
|----------------------------|-----------------------------|----------------------|--------------------------|-------------------|-------------------|
|                            | Category: 5                 | Rabbit - Category: 4 | available                | available         | available         |
| Orange oil - (8008-57-9)   | 5,000.00, Rat - Category: 5 | No data available    | 13.00, Rat - Category: 4 | No data available | No data available |
| Beeswax - (8012-89-3)      | No data available           | No data available    | No data available        | No data available | No data available |
| Carnauba wax - (8015-86-9) | No data available           | No data available    | No data available        | No data available | No data available |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification                | Category | Hazard Description                                    |
|-------------------------------|----------|---|
| Acute toxicity (oral)         | ---      | Not Applicable  |
| Acute toxicity (dermal)       | ---      | Not Applicable  |
| Acute toxicity (inhalation)   | 4        | Harmful if inhaled.                                   |
| Skin corrosion/irritation     | 3        | Causes mild skin irritation. (Not adopted by US OSHA) |
| Serious eye damage/irritation | ---      | Not Applicable  |
| Respiratory sensitization     | ---      | Not Applicable  |
| Skin sensitization            | ---      | Not Applicable  |
| Germ cell mutagenicity        | ---      | Not Applicable  |
| Carcinogenicity               | ---      | Not Applicable  |
| Reproductive toxicity         | ---      | Not Applicable  |
| STOT-single exposure          | ---      | Not Applicable  |
| STOT-repeated exposure        | ---      | Not Applicable  |
| Aspiration hazard             | ---      | Not Applicable  |

## 12. Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

#### Aquatic Ecotoxicity

| Ingredient  | 96 hr LC50 fish, mg/l     | 48 hr EC50 crustacea, mg/l          | ErC50 algae, mg/l |
|---|---------------------------|-------------------------------------|-------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic - (64742-54-7) | Not Available             | Not Available                       | Not Available     |
| Distillates (petroleum), hydrotreated light - (64742-47-8)            | 2.20, Lepomis macrochirus | 4,720.00, Dendronereides heteropoda | Not Available     |
| Paraffin - (8002-74-2)  | Not Available             | Not Available                       | Not Available     |



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|                            |               |               |               |
|----------------------------|---------------|---------------|---------------|
| Orange oil - (8008-57-9)   | Not Available | Not Available | Not Available |
| Beeswax - (8012-89-3)      | Not Available | Not Available | Not Available |
| Carnauba wax - (8015-86-9) | Not Available | Not Available | Not Available |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

## 14. Transport information

|                                  | DOT (Domestic Surface Transportation)              | IMO / IMDG (Ocean Transportation)                 | ICAO/IATA                 |
|----------------------------------|--|---|---------------------------|
| 14.1. UN number                  | Not Applicable                                     | Not Applicable                                    | Not Applicable            |
| 14.2. UN proper shipping name    | Not Regulated                                      | Not Regulated                                     | Not Regulated             |
| 14.3. Transport hazard class(es) | DOT Hazard Class: Not Applicable<br>DOT Label: --- | IMDG: Not Applicable<br>Sub Class: Not Applicable | Air Class: Not Applicable |
| 14.4. Packing group              | Not Applicable                                     | Not Applicable                                    | Not Applicable            |
| 14.5. Environmental hazards      |  |   |                           |

IMDG

Marine Pollutant: Yes ( Distillates (petroleum), hydrotreated light )

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### 14.6. Special precautions for user

No further information

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

## 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

**WHMIS Classification** B3

### US EPA Tier II Hazards

**Fire:** Yes

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** No

### EPCRA 311/312 Chemicals and RQs:

(No Product Ingredients Listed)

### EPCRA 302 Extremely Hazardous :

(No Product Ingredients Listed)

### EPCRA 313 Toxic Chemicals:

(No Product Ingredients Listed)

### Proposition 65 - Carcinogens (>0.0%):

(No Product Ingredients Listed)

### Proposition 65 - Developmental Toxins (>0.0%):

(No Product Ingredients Listed)

### Proposition 65 - Female Repro Toxins (>0.0%):

(No Product Ingredients Listed)

### Proposition 65 - Male Repro Toxins (>0.0%):

(No Product Ingredients Listed)

### N.J. RTK Substances (>1%):

Paraffin

### Penn RTK Substances (>1%):

Paraffin

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### 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

End of Document