nora® liquid wax
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 12/04/2014

SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Mixture
Product Name: nora® liquid wax

1.2. Intended Use of the Product
Recommended Use: Separating agent.

1.3. Name, Address, and Telephone of the Responsible Party
Company
nora systems, Inc.
9 Northeastern Blvd
Salem, NH 03079
T 800-332-NORA
www.nora.com/us

1.4. Emergency Telephone Number
Emergency Number: 800-424-9300 CHEMTREC (USA)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
Classification (GHS-US)
This product is not classified according to the Globally Harmonized Systems (GHS).

2.2. Label Elements
GHS-US Labeling: Void
Hazard Pictograms (GHS-US): Void
Signal Word (GHS-US): Void
Hazard Statements (GHS-US): Void
Classification System:
NFPA ratings (scale 0-4)

Health = 0
Fire = 1
Reactivity = 0

HMIS ratings (scale 0-4)

Health = 0
Fire = 1
Reactivity = 0

2.3. Other Hazards
Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical Characterization
Description: Mixture of substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Dangerous Components</th>
<th>CAS Nr: 67674-67-3</th>
<th>≤ 1 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIS(TRIMETHYLSILOXY)METHYL-3- (HYDROXYPROPYL)₆, ETHOXYLATED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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EN (English US)
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Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures
General: Immediately remove any clothing soiled by the product.
Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Immediately wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin.
Eye Contact: Rinse opened eye for several minutes under running water.
Ingestion: If symptoms persist consult doctor.

4.2. Most Important Symptoms and Effects, both Acute and Delayed
No further relevant information available.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable Extinguishing Media: Water with full jet.

5.2. Special Hazards Arising From the Chemical
No further relevant information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
Not required.

6.2. Environmental Precautions
Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

6.3 Methods and Material for Containment and Cleaning Up
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.5. Reference to Other Sections
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
No special precautions are necessary if used correctly.

7.2. Information About Protection Against Explosions and Fires
No special measures required.

7.3 Conditions for Safe Storage, Including Any Incompatibilities
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep receptacle tightly sealed.

7.4. Specific End Use(s)
No further relevant information available.
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Additional information about design of technical systems
No further data; see item 7.

8.2 Control Parameters
Components with limit values that require monitoring at the workplace: high molecular weight hydrocarbons (5<10%)
REL Long-term value: 2 mg/m³
TLV Long-term value: 2 mg/m³
Additional information: The lists that were valid during the creation were used as basis.

8.3 Exposure Controls
Appropriate Engineering Controls: The usual precautionary measures for handling chemicals should be followed.
Personal Protective Equipment: Gloves. Protective clothing.

Respiratory Protection: Not required.
Hand Protection: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Materials for gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye Protection: Goggles recommended during refilling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Fluid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Beige</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH-value at 68 °F (20 °C)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>212 °F (100 °C)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>428 °F (220 °C)</td>
</tr>
<tr>
<td>Ignition Temperature</td>
<td>572 °F (300 °C)</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Product is not self-igniting</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Danger of Explosion</td>
<td>Product does not present an explosion hazard</td>
</tr>
<tr>
<td>Lower Explosion Limit</td>
<td>Not determined</td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Pressure at 68 °F (20 °C)</td>
<td>23 hPa</td>
</tr>
<tr>
<td>Density at 68 °F (20 °C)</td>
<td>1 g/cm³</td>
</tr>
</tbody>
</table>
Relative Density: Not determined
Vapor Density: Not determined
Evaporation Rate: Not determined
Solubility in/Miscibility with Water: Fully miscible
Segregation Coefficient: N-Octanol/Water: Not determined
Viscosity Dynamic: Not determined
Viscosity Kinematic: Not determined
Solvent Content:
- Organic Solvents: 0.0%
- Other Information: No further relevant information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: No further relevant information available.

10.2. Chemical Stability:
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3. Possibility of Hazardous Reactions: No dangerous reactions known.

10.4. Conditions to Avoid: No further relevant information available.

10.5. Incompatible Materials: No further relevant information available.


SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product
Acute Toxicity: No data available.

11.2. Primary Irritant Effect
On the skin: No irritating effect.
On the eye: No irritating effect.
Sensitization: No sensitizing effects known.

11.3. Additional Toxicological Information
The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

11.4. Carcinogenic Categories
IARC (International Agency for Research on Cancer): None of the ingredients is listed.
NTP (National Toxicology Program): None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Aquatic Toxicity: No further relevant information available.
12.2. Persistence and Degradability  No further relevant information available.

12.3. Bioaccumulative Potential  No further relevant information available.

12.4. Mobility in Soil  No further relevant information available.

12.5. Additional Ecological Information
General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system.

12.6. Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

12.7. Other Adverse Effects  No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Recommendation: Smaller quantities can be disposed of with household waste.

13.2. Uncleaned packaging
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION 14: TRANSPORT INFORMATION

| UN-Number: ADR, ADN, IMDG, IATA | Void |
| UN proper shipping name: ADR, ADN, IMDG, IATA | Void |
| Transport hazard class(es): ADR, ADN, IMDG, IATA | Class | Void |
| Packing group: ADR, IMDG, IATA | Void |
| Environmental hazards: Marine pollutant: | No |
| Special precautions for user | Not applicable |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
| Transport/Additional information: | Not dangerous according to the above specifications |

SECTION 15: REGULATORY INFORMATION

15.1. Safety, Health and Enviromental Regulations/Legislation Specific for the Substance or Mixture

| SARA Section 355 Extremely Hazardous Substances | None of the ingredients listed |
| SARA Section 313 Specific Toxic Chemical Listings | None of the ingredients listed |
| TCA (Toxic Substances Control Act) | All ingredients are listed. |

Proposition 65

| Chemicals known to cause cancer: | None of the ingredients is listed. |
| Chemicals known to cause reproductive toxicity for females: | None of the ingredients is listed. |
| Chemicals known to cause reproductive toxicity for males: | None of the ingredients is listed. |
| Chemicals known to cause developmental toxicity: | None of the ingredients is listed. |
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Carcinogenic Categories

<table>
<thead>
<tr>
<th>Agency</th>
<th>None of the ingredients is listed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA (Environmental Protection Agency)</td>
<td></td>
</tr>
<tr>
<td>IARC (International Agency for Research on Cancer)</td>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>NTP (National Toxicology Program)</td>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>TLV (Threshold Limit Value established by ACGIH)</td>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>NIOSH-Ca (National Institute for Occupational Safety and Health)</td>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>OSHA-Ca (Occupational Safety &amp; Health Administration)</td>
<td>None of the ingredients is listed.</td>
</tr>
</tbody>
</table>

National regulations

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Safety Assessment</td>
<td>A Chemical Safety Assessment has not been carried out.</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date: 02/12/2016
Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Relevant phrases:
- H332 Harmful if inhaled.
- H411 Toxic to aquatic life with long lasting effects.
- R20 Harmful by inhalation.

Party Responsible for the Preparation of This Document
nora systems, Inc.
T 800-332-NORA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMIS 2