I. PRODUCT AND COMPANY IDENTIFICATION

Company: Natural Advantage, LLC
Telephone: 318-215-1456
Product Name: n-Hexanol, Natural
Product Number: NA2567

II. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation 29 CFR 1910.1200
Flammable Liquid: Category 3
Acute Toxicity, Oral: Category 4
Acute Toxicity, Dermal: Category 4
Eye Irritation: Category 2A

NFPA Hazard Rating:
Health: 2
Fire: 2
Reactivity: 0

Precautionary statements:
P210 Keep away from heat/sparks/open flames/hot surfaces-No smoking.
P233 Keep container tightly closed.
P305+P351+P338 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P337 IF ON SKIN: (or hair): Remove the contaminated clothing/protective clothing.
P330 If eye irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation occurs: Get medical advice/attention.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P335+P338+P313 If eye irritation occurs: Get medical advice/attention.
P360 Wash eyes/eyes extensively for several minutes.
P362 Wash eyes/eyes thoroughly for several minutes.
P363 Wash contaminated clothing before reuse.
P403+P235 Store in a well-ventilated place.
P403+P235 Store in a well ventilated place. Keep cool.
P501 Dispose of contents/container to an approved waste disposal plant.

III. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name: n-Hexanol, Natural
Chemical Name: 1-Hexanol
Synonyms: Hexyl Alcohol
Formula: C9H18O
Molecular Wt.: 128.217 g/mol
EINECS#: 203-852-3
CAS#: 111-27-3

IV. FIRST AID MEASURES

Inhalation: Remove from the exposure to fresh air. Contact a physician as necessary. If breathing is irregular or has stopped, start resuscitation and administer oxygen if available.
Skin Contact: Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap and water. If irritation persists, contact a physician.
Ingestion: Do NOT induce vomiting. Give water to dilute. Contact a physician immediately.

V. FIRE-FIGHTING MEASURES

Flashpoint (Method Used): 63°C (145°F)(CC)
Extinguishing Media: Water spray. Alcoholic resistant foam, dry chemical or carbon dioxide
Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

VI. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled:
Eliminate all ignition sources. Ventilate area. Contain spill and recover free product. Report spill to appropriate authorities if required.
Waste Disposal Method: Place material into sealed containers and dispose of in accordance with current applicable laws and regulations.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to be taken in handling and storing:
Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before eating, breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use. Good manufacturing practices dictate that an eyewash fountain and/or safety shower should be available in the work area.

Other Precautions: None.
## VIII. CONTROL MEASURES

<table>
<thead>
<tr>
<th>Occ. Exposure Limits:</th>
<th>Hexan-1-ol (CAS#111-27-3) TWA 40 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Protection:</td>
<td>None generally required. If desired use NIOSH approved respirator.</td>
</tr>
<tr>
<td>Ventilation:</td>
<td>Local exhaust meeting ACGIH criteria as needed.</td>
</tr>
<tr>
<td>Protective Gloves:</td>
<td>Use chemical resistant gloves</td>
</tr>
<tr>
<td>Protective Eye Wear:</td>
<td>Use splash goggles or face shield when eye contact might occur.</td>
</tr>
<tr>
<td>Other Protective Clothing:</td>
<td>None required.</td>
</tr>
</tbody>
</table>

## IX. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Information Not Available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Information Not Available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Information Not Available</td>
</tr>
<tr>
<td>Color</td>
<td>Information Not Available</td>
</tr>
<tr>
<td>Odor</td>
<td>Information Not Available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Information Not Available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Information Not Available</td>
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<tr>
<td>Flash Point</td>
<td>Information Not Available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Information Not Available</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Information Not Available</td>
</tr>
</tbody>
</table>

## X. REACTIVITY DATA

### Stability: 
Chemically Stable under recommended storage conditions.

### Conditions to Avoid: 
Heat, flames, and sparks.

### Incompatibility with other Substance (Materials to Avoid): 
Strong oxidizing agents.

### Hazardous Decomposition or Byproducts: 
Carbon Oxides.

### Hazardous Polymerization: 
No.

## XI. TOXICOLOGICAL INFORMATION

### Acute toxicity:
- LD50-oral-rat: 720 mg/kg
- LD50-dermal-rabbit: 1,500 mg/kg

### Skin corrosion/irritation: 
Mild irritation 24 h

### Respiratory or skin sensitization: 
Acute dermal toxicity - Diarrhea, Loss of reflexes, Coma, Rapid respiration

### Reproductive toxicity: 
Specific target organ toxicity (repeated exposure): Information Not Available

### Carcinogenicity: 
Haxanol is not listed as carcinogenic by IARC, ACGIH, NTP, or OSHA.

## XII. ECOLOGICAL INFORMATION

### Persistence and Degradation:
Information Not Available

### Mobility in soil:
Information Not Available

### Other adverse effects:
Information Not Available

## XIII. DISPOSAL CONSIDERATIONS

### Product:
Observe all federal, state, and local environmental regulations in disposing this material.

### Contaminated packaging:
Dispose of as unused product.

## XIV. TRANSPORTATION INFORMATION

### DOT (US)
- UN Number: 2282
- Class: 3
- Marine pollutant: No
- Packing Group: III
- Poison Inhalation Hazard: No

### IMDG
- UN Number: 2282
- Class: 3
- Marine pollutant: No
- Packing Group: III

### IATA
- UN Number: 2282
- Class: 3
- Marine pollutant: No
- Packing Group: III

## XV. REGULATORY INFORMATION

### OSHA Hazards:
Flammable liquid, irritant.

### US Federal:
TSCA: CAS#111-27-3 is listed on the TSCA Inventory
California Prop. 65: This product does not contain any chemicals known to cause cancer, birth defects, or any other reproductive harm.

### SARA 311/312:
Fire Hazard, Acute Health Hazard, Chronic Health Hazard

### Regulation:
Complies with 29 CFR 1910.1200

## XVI. OTHER INFORMATION

### MSDS Creation Date:
05/22/09

### Revision Date:
03/29/2017

### Liability Statement:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Natural Advantage, LLC shall not be held liable for any damage resulting from handling or from contact with the above product.