1. IDENTIFICATION

Product Identifier
Product Name: Nattura oxyorange natural

Other Means of Identification
Product Code: 962200

Recommended use of the Chemical and Restrictions on Use
Recommended Use: Peroxide general cleaner. For industrial use.

Details of the Supplier of the Safety Data Sheet
Midlab, Inc.
140 Private Brand Way
Athens, TN 37303

Emergency Telephone Number
Company Phone Number: Phone: 1-423-337-3180
Emergency Telephone (24 hr): INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance: Colorless
Physical State: Liquid
Odor: Orange

Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Category 1 Sub-category B</td>
</tr>
<tr>
<td>Hazardous to aquatic environment acute toxicity</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Signal Word
Danger

Hazard Statements
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
Harmful to aquatic life.

Precautionary Statements - Prevention
Avoid breathing mist or spray.
Wash face, hands and any exposed skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the work place.
Avoid release to the environment.
Wear protective gloves and eye protection.

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical attention.
Specific treatment: Remove from exposure and treat symptoms.
Take off contaminated clothing and wash before reuse.
Precautionary Statements - Storage
No other specific measures identified.

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant.

Unknown Acute Toxicity
None known.

Product AT USE DILUTION
GHS Classification: Not classified.
Signal Word: No signal word.
Hazard Statements: No known significant effects or critical hazards.
Prevention: Wash thoroughly after handling.
Response: Get medical attention if symptoms appear.
Disposal: No other specific measures identified.
Other Hazards: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60-100</td>
</tr>
<tr>
<td>Linear Primary Alcohol Ethoxylate</td>
<td>68439-46-3</td>
<td>10-30</td>
</tr>
<tr>
<td>Dipropylene Glycol Monomethyl Ether</td>
<td>34590-94-8</td>
<td>5-10</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>1-5</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>5989-27-5</td>
<td>1-5</td>
</tr>
</tbody>
</table>

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

Product AT USE DILUTION
No hazardous ingredients in reportable quantities are present in the product.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove and discard contact lenses. Seek immediate medical attention/advice.

Skin Contact
Irritating to skin; may cause burns on extended contact. Immediately flush skin with running water for 15 minutes. If irritation persists, get medical attention.

Inhalation
Accidental inhalation is not likely. Inhalation of concentrated vapors of this product may cause irritation or burns. If breathing becomes difficult, remove to fresh air. If discomfort persists, get medical attention.

Ingestion
Harmful if swallowed. Immediately drink large amounts of water and seek medical attention. Do NOT induce vomiting.

Most Important Symptoms and Effects

Symptoms
Contact with eyes may cause damage. Prolonged or repeated contact may dry skin and cause irritation or an allergic skin reaction.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician
Treat symptomatically.
Product AT USE DILUTION

Eye Contact: May cause eye irritation. Rinse with water for a few minutes.
Skin Contact: May cause skin irritation. Rinse with water for a few minutes.
Inhalation: No special measures required. Treat symptomatically.
Ingestion: Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

Specific Hazards Arising from the Chemical
This product contains hydrogen peroxide which could accelerate burning when involved in a fire.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions
Use personal protective equipment as required.

Environmental Precautions
Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up
Collect spillage. Collect in a clean, dry waste container for disposal. Dilute remaining residue with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling
Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Keep only in original container. Keep from freezing.

Incompatible Materials
Strong acids, strong bases, metals, salts, organics, reducing agents, dust and dirt.

Product AT USE DILUTION

Handling and Storage: Wash thoroughly after handling. Keep out of reach of children.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene Glycol Monomethyl Ether</td>
<td>TWA: 100ppm</td>
<td>600 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>TWA: 1ppm</td>
<td>1.4 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Controls
Ventilation systems. Eyewash stations. Showers.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection
Splash goggles or safety glasses.

Skin and Body Protection
Rubber, Nitrile, PVC, or other chemically resistant skin protection to prevent contact.

Respiratory Protection
Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
<td>Odor</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td>pH</td>
<td>5.5-6.0</td>
<td>Orange</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Approximately 32°F</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>Approximately 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>n/a-liquid</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.01</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Completely soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td>@ 25 °C (77 °F)</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>&lt; 50 cps</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>
Product AT USE DILUTION

Physical State: Liquid  
Color: Colorless  
Odor: Orange  
\textit{pH}: 6.5-7.0

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to Avoid
Keep out of reach of children. Keep from freezing.

Incompatible Materials
Strong acids, strong bases, metals, salts, organics, reducing agents, dust and dirt.

Hazardous Decomposition Products
Oxygen gas, carbon dioxide, carbon monoxide, hydrocarbons, or organic compounds may be formed during thermal decomposition.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact
Causes eye irritation or eye damage.

Skin Contact
May cause skin irritation or rash.

Inhalation
Avoid breathing vapors or mists.

Ingestion
Do not taste or swallow.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD\text{50}</th>
<th>Dermal LD\text{50}</th>
<th>Inhalation LC\text{50}</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Primary Alcohol Ethoxylate 68439-46-3</td>
<td>= 2000 mg/kg</td>
<td>= 2000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>Dipropylene Glycol Monomethyl Ether 34590-94-8</td>
<td>= 5180 mg/kg</td>
<td>= 9500 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>= 1193 mg/kg</td>
<td>= 2000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>d-Limonene 5989-27-5</td>
<td>= 5000 mg/kg</td>
<td>= 5000 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on Physical, Chemical and Toxicological Effects

Symptoms
Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity
Not classifiable as a human carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
IARC (International Agency for Research on Cancer)
Group 3 IARC components are “not classifiable as human carcinogens”

Numerical Measures of Toxicity
Not determined.

Unknown Acute Toxicity
None known.

Product AT USE DILUTION
No specific data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Primary Alcohol Ethoxylate 68439-46-3</td>
<td>-</td>
<td>7.25 mg/L (96hr)</td>
<td>-</td>
<td>5.5 mg/L (Daphnia 48hr)</td>
</tr>
<tr>
<td>Dipropylene Glycol Monomethyl Ether 34590-94-8</td>
<td>&gt; 969 mg/L (Green alga 96 hr)</td>
<td>&gt; 1000 mg/L (fathead minnow 96hr)</td>
<td>-</td>
<td>1919 mg/L (Daphnia 48hr)</td>
</tr>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>-</td>
<td>16.4 mg/L (fathead minnow 96hr)</td>
<td>-</td>
<td>2.4 mg/L (Daphnia 48hr)</td>
</tr>
<tr>
<td>d-Limonene 5989-27-5</td>
<td>-</td>
<td>0.61-0.79 mg/L (fathead minnow 96hr)</td>
<td>-</td>
<td>69.6 mg/L (Daphnia 48hr)</td>
</tr>
</tbody>
</table>

Persistence/Degradability
Not determined

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods
Disposal of Wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT
Not regulated. (NOI Non-Hazardous)

IATA
Not regulated.

IMDG
Not regulated.
Product AT USE DILUTION
Not intended for transport.

15. REGULATORY INFORMATION

International Inventories
Not determined

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Oxide</td>
<td>10 lb.</td>
<td>10 lb.</td>
<td>RQ 10 lb; final RQ 4.53 kg</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
Immediate (Acute) Health

SARA 313

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Oxide</td>
<td>75-21-8</td>
<td>&lt; 0.001</td>
<td></td>
</tr>
</tbody>
</table>

CWA (Clean Water Act)
None known.

US State Regulations
None known.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>State Lists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene Glycol Monomethyl Ether 34590-94-8</td>
<td>NJ, MA, PA</td>
</tr>
<tr>
<td>d-Limonene 5989-27-5</td>
<td>NJ, PA</td>
</tr>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>NJ, MA, PA</td>
</tr>
<tr>
<td>Ethylene Oxide 75-21-8</td>
<td>CAP65</td>
</tr>
</tbody>
</table>

AZ- Arizona Ambient Air Quality Guidelines
CT- Connecticut Hazardous Air Pollutants
CA- California Director's List of Hazardous Substances
CAP65- California Prop65
FL- Florida Substances List
ID- Idaho Non-Carcinogen Toxic Air Pollutants
IL- Illinois Toxic Air Contaminant- Carcinogenic
MA- Massachusetts Right to Know List
MN- Minnesota Hazardous Substances List
NJ- New Jersey Right to Know List
PA- Pennsylvania Right to Know List
RI- Rhode Island Hazardous Substances List
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>1</td>
<td></td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Product AT USE DILUTION

- Health Hazard: 1
- Flammability: 0
- Physical Hazards: 0
- Personal Protection: Not determined

Issue Date: 12-Apr-2012
Revision Date: 18-Dec-2014
Revision Note: Added At Use Dilution Information Version 1.1

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet