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

1.1 Product identifier

Product name 9D9
Product code LG-F1001

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

Recommended Use Professional Deodorizer
Restrictions on use Professional Use Only

1.3 Details of the supplier of the safety data sheet

Supplier Legend Brands
ProRestore Products
15180 Josh Wilson Road
Burlington, WA 98233
800-932-3030

1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 2</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

2.2 Label elements

Signal Word Warning

Hazard Statements
Causes serious eye irritation
May cause an allergic skin reaction
Suspected of causing cancer
Flammable liquid and vapor
Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/Bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/equipment
Use only non-sparking tools
Take precautionary measures against static discharge

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
In case of fire: Use CO2, dry chemical, or foam to extinguish

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep cool

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

2.3. Other Hazards  Hazards not otherwise classified (HNOC)
Not Applicable

2.4 Other information
Not Applicable

Unknown Acute Toxicity 1.10889006% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture</td>
<td>Polyethylene glycol octylpheny ether</td>
<td>9036-19-5</td>
<td>20 - 30</td>
</tr>
<tr>
<td></td>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>10 - 20</td>
</tr>
<tr>
<td></td>
<td>2,4-PENTANEDIOL, 2-METHYL-</td>
<td>107-41-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td></td>
<td>Benzophenone</td>
<td>119-61-9</td>
<td>&lt; 1</td>
</tr>
<tr>
<td></td>
<td>2,6-OCTADIENAL, 3,7-DIMETHYL-</td>
<td>5392-40-5</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

The exact percentage (concentration) of composition has been withheld as a trade secret.
4. First aid measures

4.1 Description of first-aid measures

General advice
Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

Eye contact
Remove contact lenses, if present. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation develops or persists.

Skin contact
Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Use a mild soap if available. Call a physician if irritation develops or persists. If skin irritation persists, call a physician.

Inhalation
Immediate medical attention is required. Move to fresh air. If not breathing, give artificial respiration.

Ingestion
Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms
See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician
Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media
Water spray. Carbon dioxide (CO₂). Dry powder. Alcohol-resistant foam.

Unsuitable Extinguishing Media
High volume water jet.

5.2 Special hazards arising from the substance or mixture

Special Hazard
Hazardous decomposition products formed under fire conditions Flash back possible over considerable distance

Hazardous Combustion Products
No information available.

Explosion Data
Sensitivity to Mechanical Impact
None.

Sensitivity to Static Discharge
None.

5.3 Advice 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

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

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

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Keep away from sources of ignition - No smoking.

Hygiene measures When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions Use only in area provided with appropriate exhaust ventilation. Keep locked up or in an area accessible only to qualified or authorized persons. Use only explosion-proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Electrical equipment should be protected to the appropriate standard. Store between 41 and 77 °F (5 - 25° C) in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Store in original container.

Materials to Avoid Strong oxidizing agents.

8. Exposure controls/personal protection

8.1 Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>British Columbia</th>
<th>Alberta</th>
<th>Quebec</th>
<th>Ontario TWA EV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>STEL: 400 ppm TWA: 200 ppm</td>
<td>TWA: 980 mg/m³</td>
<td>TWA: 200 ppm STEL: 400 ppm</td>
<td>TWA: 200 ppm TWA: 492 mg/m³ STEL: 400 ppm STEL: 984 mg/m³</td>
<td>TWA: 400 ppm TWA: 985 mg/m³ STEL: 500 ppm STEL: 1230 mg/m³</td>
<td>TWA: 200 ppm STEL: 400 ppm</td>
</tr>
<tr>
<td>2,4-PENTANEDIOL, 2-METHYL-107-41-5</td>
<td>Ceiling: 25 ppm</td>
<td>-</td>
<td>Ceiling: 25 ppm</td>
<td>Ceiling: 25 ppm Ceiling: 121 mg/m³</td>
<td>Ceiling: 25 ppm Ceiling: 121 mg/m³</td>
<td>CEV: 25 ppm</td>
</tr>
<tr>
<td>2,6-OCTADIENAL, 3,7-DIMETHYL-5392-40-5</td>
<td>TWA: 5 ppm inhalable fraction and vapor S*</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>TWA: 5 ppm Skin</td>
</tr>
</tbody>
</table>

8.2 Appropriate engineering controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

8.3 Individual protection measures, such as personal protective equipment

Eye/face Protection Safety glasses with side-shields.

Skin and body protection Long sleeved clothing. Rubber or plastic apron.

Respiratory protection Respirator with a vapor filter (EN 141).

Hygiene measures See section 7 for more information
9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Amber</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Wintergreen oil</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>7.7</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>108 °C / 226 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>27 °C / 81 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>4.3</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>.94</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9.2 Other information

- Volatile organic compounds (VOC) content: 210 g/L

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions. Risk of ignition.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Direct sources of heat.

10.5 Incompatible Materials

Strong oxidizing agents.

10.6 Hazardous Decomposition Products

Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.
11. Toxicological information

11.1 Acute toxicity

Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Unknown Acute Toxicity 1.10889006% of the mixture consists of ingredient(s) of unknown toxicity

Oral LD50 4,580.00 mg/kg
Dermal LD50 43,701.00 mg/kg

Numerical measures of toxicity: Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene glycol octylphenyl ether</td>
<td>1700 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>9036-19-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>5840 mg/kg (Rat)</td>
<td>= 13,900 mg/kg (Rabbit)</td>
<td>= 72600 mg/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>2,4-PENTANEDIOL, 2-METHYL-107-41-5</td>
<td>3692 mg/kg (Rat)</td>
<td>-</td>
<td>&gt; 310 mg/m³ (Rat) 1 h</td>
</tr>
<tr>
<td>Benzenophene 119-61-9</td>
<td>10 g/kg (Rat)</td>
<td>= 3535 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>2,6-OCTADIENAL, 3,7-DIMETHYL-5392-40-5</td>
<td>4950 mg/kg (Rat)</td>
<td>= 2250 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

11.2 Information on toxicological effects

Skin corrosion/irritation
Product Information
• No information available
Component Information
• No information available

Serious eye damage/eye irritation
Product Information
• No information available
Component Information
• No information available

Respiratory or skin sensitization
Product Information
• No information available
Component Information
• No information available

Germ cell mutagenicity
Product Information
• No information available
Component Information
• No information available

Carcinogenicity
Product Information
• The table below indicates whether each agency has listed any ingredient as a carcinogen
Component Information
• Contains a known or suspected carcinogen
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>EC50: 96 h Desmodesmus subspicatus 1000 mg/L EC50: 72 h Desmodesmus subspicatus 1000 mg/L</td>
<td>LC50: 96 h Pimephales promelas 9640 mg/L flow-through LC50: 96 h Pimephales promelas 11130 mg/L static LC50: 96 h Lepomis macrochirus 1400000 µg/L</td>
<td>EC50: 48 h Daphnia magna 13299 mg/L</td>
</tr>
<tr>
<td>2,4-PENTANEDIOL, 2-METHYL-107-41-5</td>
<td>-</td>
<td>LC50: 96 h Pimephales promelas 10500 - 11000 mg/L flow-through LC50: 96 h Lepomis macrochirus 10000 mg/L static LC50: 96 h Pimephales promelas 8690 mg/L flow-through LC50: 96 h Pimephales promelas 10700 mg/L static</td>
<td>EC50: 48 h Daphnia magna 2700 - 3700 mg/L</td>
</tr>
<tr>
<td>Benzophenone 119-61-9</td>
<td>-</td>
<td>LC50: 96 h Pimephales promelas 13.2 - 15.3 mg/L flow-through</td>
<td>-</td>
</tr>
<tr>
<td>2,6-OCTADIENAL, 3,7-DIMETHYL-5392-40-5</td>
<td>EC50: 72 h Desmodesmus subspicatus 16 mg/L EC50: 96 h Desmodesmus subspicatus 19 mg/L</td>
<td>-</td>
<td>EC50: 48 h Daphnia magna 7 mg/L</td>
</tr>
</tbody>
</table>

**12. Ecological information**

**12.1 Toxicity**

**Ecotoxicity**

No information available

41.09054 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>EC50: 96 h Desmodesmus subspicatus 1000 mg/L EC50: 72 h Desmodesmus subspicatus 1000 mg/L</td>
<td>LC50: 96 h Pimephales promelas 9640 mg/L flow-through LC50: 96 h Pimephales promelas 11130 mg/L static LC50: 96 h Lepomis macrochirus 1400000 µg/L</td>
<td>EC50: 48 h Daphnia magna 13299 mg/L</td>
</tr>
<tr>
<td>2,4-PENTANEDIOL, 2-METHYL-107-41-5</td>
<td>-</td>
<td>LC50: 96 h Pimephales promelas 10500 - 11000 mg/L flow-through LC50: 96 h Lepomis macrochirus 10000 mg/L static LC50: 96 h Pimephales promelas 8690 mg/L flow-through LC50: 96 h Pimephales promelas 10700 mg/L static</td>
<td>EC50: 48 h Daphnia magna 2700 - 3700 mg/L</td>
</tr>
<tr>
<td>Benzophenone 119-61-9</td>
<td>-</td>
<td>LC50: 96 h Pimephales promelas 13.2 - 15.3 mg/L flow-through</td>
<td>-</td>
</tr>
<tr>
<td>2,6-OCTADIENAL, 3,7-DIMETHYL-5392-40-5</td>
<td>EC50: 72 h Desmodesmus subspicatus 16 mg/L EC50: 96 h Desmodesmus subspicatus 19 mg/L</td>
<td>-</td>
<td>EC50: 48 h Daphnia magna 7 mg/L</td>
</tr>
</tbody>
</table>

**12.2 Persistence and degradability**

No information available.
12.3 Bioaccumulative potential
Discharge into the environment must be avoided

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>0.05</td>
</tr>
<tr>
<td>2,4-PENTANEDIOL, 2-METHYL-107-41-5</td>
<td>0.14</td>
</tr>
<tr>
<td>Benzophenone 119-61-9</td>
<td>3.58</td>
</tr>
<tr>
<td>2,6-OCTADIENAL, 3,7-DIMETHYL-5392-40-5</td>
<td>2.76</td>
</tr>
</tbody>
</table>

12.4 Mobility in soil
No information available.

12.5 Other adverse effects
No information available

13. Disposal Considerations

13.1 Waste treatment methods
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14. Transport Information

DOT
UN/ID No 1993
Proper shipping name Flammable Liquid, N.O.S. (Isopropanol)
Hazard class 3
Packing Group III

MEX

IMDG
Proper shipping name Flammable Liquid, N.O.S. (Isopropanol)
Hazard class 3
UN 1993
Packing Group III
Marine pollutant This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO

IATA
UN 1993
Proper shipping name Flammable Liquid, N.O.S. (Isopropanol)
Hazard class 3
Packing Group III

15. Regulatory information

15.1 International Inventories
TSCA Complies
DSL Complies
EINECS/ELINCS Complies
15.2 U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0 1.0</td>
</tr>
</tbody>
</table>

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzophenone - 119-61-9</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>1,4-DIOXANE - 123-91-1</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and chemical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health Hazard</td>
<td>Flammability</td>
<td></td>
<td>Physical Hazard</td>
<td></td>
</tr>
</tbody>
</table>

Legend:
ACGIH (American Conference of Governmental Industrial Hygienists)
Ceiling (C)
DOT (Department of Transportation)
EPA (Environmental Protection Agency)
IARC (International Agency for Research on Cancer)
International Air Transport Association (IATA)
International Maritime Dangerous Goods (IMDG)
NIOSH (National Institute for Occupational Safety and Health)
NTP (National Toxicology Program)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
Reportable Quantity (RQ)
Skin designation (S*)
STEL (Short Term Exposure Limit)
TLV® (Threshold Limit Value)
TWA (time-weighted average)

Revision Date 09-May-2016
Revision Note No information available
Disclaimer
The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet