1 Identification of the substances/ mixture and of the company/ undertaking

1.1 Product Identifiers
Product Number
PT057
Product Name
Rugini Olive Medium
w/ Vitamins;
w/o Sucrose & Agar
REACH Registration Number
Reach registration number is not available for this mixture. According
to REACH regulation EC 1907/2006 this product is exempted from
registration. The annual tonnage does not require a REACH registration
or it is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against
1.2.1 Relevant identified uses
Laboratory chemicals, Manufacture of substances
1.2.2 Uses advised against
No data available

1.3 Details of the supplier of the safety data sheet
Produced by
HiMedia Laboratories Private Limited
Address
23, Vadhani Industrial Estate, LBS Marg, Ghatkopar (W), Mumbai - 400 086
India
Tel. No. +91-22-2500 0970, +91-22-2500 1607
Fax No.
Mail Id ptc@himedialabs.com
Website www.himedialabs.com

1.4 Emergency Tel. No.
Emergency Tel. No.
Please contact the regional HiMedia representation in your country

2 Hazards Identification

2.1 Classification of the substance or mixture
CLP Classification—Regulation (EC) No. 1272/2008[EU-GHS/CLP]
Oxidising solids, (Category 3), H272
Skin corrosion or irritation, (Category 2), H315
Serious eye damage or eye irritation, (Category 2A), H319
Specific target organ toxicity, single exposure, Respiratory tract irritation, (Category 3), H335
For the full text of the H-Statements mentioned in this Section, See Section 16

2.2 Label elements
Labeling according to Regulation (EC) No.1272/2008

Pictogram
Signal word Warning
Hazard Statement(s)
H272  May intensify fire; oxidizer
H315  Causes skin irritation
H319  Causes serious eye irritation
H335  May cause respiratory irritation

Precautionary Statement(s)
P210  Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370 + P378 In case of fire: Use suitable extinguishing media for extinction.

2.3 Other Hazards
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3 Composition/Information On Ingredients
3.2 Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium nitrate</td>
<td>As Per EC Regulation 1272/2008 H272</td>
<td>&gt;=9 - &lt;=12%</td>
</tr>
<tr>
<td>CAS No. :</td>
<td>35054-52-5</td>
<td></td>
</tr>
<tr>
<td>Potassium nitrate</td>
<td>As Per EC Regulation 1272/2008 Ox. Sol. 3 H272</td>
<td>&gt;=25 - &lt;=30%</td>
</tr>
<tr>
<td>CAS No. :</td>
<td>7757-79-1</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td>231-818-8</td>
<td></td>
</tr>
<tr>
<td>Ammonium nitrate</td>
<td>As Per EC Regulation 1272/2008 Ox. Sol. 3 Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 H272; H315; H319; H335</td>
<td>&gt;=7 - &lt;=12%</td>
</tr>
<tr>
<td>CAS No. :</td>
<td>6484-52-2</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td>229-347-8</td>
<td></td>
</tr>
</tbody>
</table>

For the full text of the H-Statements and classification mentioned in this Section, see Section 16

4 First Aid Measures
4.1 Description of first aid measures

*General advice*
Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**
Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**
Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

**If swallowed**
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 **Most important symptoms and effects, both acute and delayed**
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 **Indication of immediate medical attention and special treatment needed**
Treat symptomatically.

5 **Fire Fighting Measures**
5.1 **Extinguishing media**
*Suitable extinguishing media*
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

*Unsuitable extinguishing media*
No data available.

5.2 **Special hazards arising from the substance or mixture**
Magnesium oxides, Sulphur oxides, Sodium oxides, Iron oxides, Calcium Oxide, Cobalt oxides, Copper oxides, Manganese oxides,, Molybdenum oxides, Oxides of Phosphorus, Potassium oxides, Zinc oxides.

5.3 **Precautions for fire-fighters**
Cool closed containers exposed to fire with water spray.

5.4 **Further information**
Wear self-contained breathing apparatus for firefighting if necessary.

6 **Accidental Release Measures**
6.1 **Personal precautions, protective equipment and emergency procedures**
Use personnel protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 **Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into environment must be avoided.

6.3 **Methods and materials for containment and cleaning up**
Keep in suitable, closed containers for disposal. Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for
disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see Section 13.

---

### 7 Handling and Storage

#### 7.1 Precautions for safe handling

Avoid formation of dust and aerosols. Wear protective gloves and eye/face protection. Use only in well ventilated areas. Keep away from heat, sparks and open flame.

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

Store in cool/well-ventilated place. Storage class (TRGS 510): Oxidizing Solids

*Recommended Storage Temperature*: 2 - 8°C

#### 7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

---

### 8 Exposure Controls/Personal Protection

#### 8.1 Control parameters

#### 8.2 Exposure controls

*Appropriate engineering controls*

Handle in accordance to general industrial hygiene and safety practice. Wash hands before breaks, immediately after handling the products and at the end of workday.

*Personal protective equipment*

**Eye/face protection**

Safety glasses with side-shields conforming to EN 166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Have eye-washing facilities readily available where eye contact can occur.

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body protection**

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Environment exposure controls**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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### 9 Physical and chemical properties
9.1 Information on basic physical and chemical properties

Appearance: White to off-white, homogenous powder
Odour: No data available
Odour Threshold: No data available
pH: 3.4 - 4.4
Melting/freezing point: No data available
Initial boiling point and boiling range: No data available
Flash point: No data available
Upper/lower flammability or explosive limits: No data available
Evaporation rate: No data available
Flammability (Solid, gas): No data available
Vapour pressure: No data available
Relative density: No data available
Water Solubility: Soluble in water
Autoignition Temperature: No data available
Decomposition Temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Vapour density: No data available
Thermal decomposition: No data available

9.2 Other safety information

No data available

10 Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions - Nitrogen oxides(NOx), Sulphur oxides, Oxides of phosphorus,. Potassium oxides, Magnesium oxide, Cobalt/cobalt oxides, Calcium oxide, Copper oxides

11 Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

No data available

Remarks : No data available
No data available  
**Skin corrosion/irritation**  
No data available  
**Serious eye damage/eye irritation**  
No data available  
**Respiratory or skin sensitisation**  
No data available  
**Germ cell mutagenicity**  
No data available  
**Carcinogenicity**  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
**Reproductive toxicity**  
No data available  
**Specific target organ toxicity - repeated exposure**  
No data available  
**Aspiration hazard**  
No data available  
**Additional Information**  
RTECS : Not Applicable

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12  Ecological Information  
12.1  Toxicity  
No data available

12.2  Persistence and degradability  
No data available  
12.3  Bioaccumulative potential  
No data available  
12.4  Mobility in soil  
No data available  
12.5  PBT and vPvB assessment  
This preparation contains no substance considered to be persistent, bioaccumulating or toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6  Other adverse effects

---

13  Disposal Considerations  
13.1  Waste treatments methods  
**Product**  
Dispose of as unused product.

13.2  Contaminated packaging  
Burn in a chemical incinerator equipped with an afterburner and srubber but exert extra care in igniting as this material is highly flammable. Contact a licenced professional waste disposal service to dispose off this material.
14 Transport Information

14.1 UN-No

14.2 UN proper shipping name
ADNR : Nitrates, inorganic, n.o.s.
ADR : Nitrates, inorganic, n.o.s.
IATA_C : Nitrates, inorganic, n.o.s.
IATA_P : Nitrates, inorganic, n.o.s.
IMDG : Nitrates, inorganic, n.o.s.
RID : Nitrates, inorganic, n.o.s.

14.3 Transport hazard class(es)
ADNR : 5.1  ADR : 5.1  IATA_C : 5.1  IATA_P : 5.1  IMDG : 5.1  RID : 5.1

14.4 Packaging group
ADNR : II  ADR : II  IATA_C : II  IATA_P : II  IMDG : II  RID : II

14.5 Environmental hazards
ADR : No  IMDG : Marine Pollutant : No  IATA_C : No

14.6 Special precautions for use
No data available

15 Regulatory Information
This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

15.1 Safety health and environment regulations/legislation specific for the substance or mixture

15.2 Chemical Safety Assessment
For this product a chemical safety assessment was not carried out.

16 Other information

H272  May intensify fire; oxidizer
H315  Causes skin irritation
H319  Causes serious eye irritation
H335  May cause respiratory irritation
Eye Irrit. 2A  Serious eye damage or eye irritation, Category 2A
Ox. Sol. 3  Oxidising solids, Category 3
Skin Irrit. 2  Skin corrosion or irritation, Category 2
STOT SE 3  Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3

Further Information
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