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

1.1 Product Identifiers
- Product Number: TS1113
- Product Name: Chée & Pool (C2D) Vitis Plant Salt Mixture
- 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
- Mail Id: ptc@himedialabs.com
- Fax No.: +91-22-2500 0970, +91-22-2500 1607
- 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
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.
P273 Avoid release to the environment.
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>Potassium nitrate</td>
<td>CAS No.: 7757-79-1, EC No.: 231-818-8</td>
<td>As Per EC Regulation 1272/2008 Ox. Sol. 3 H272</td>
</tr>
<tr>
<td>Ammonium nitrate</td>
<td>CAS No.: 6484-52-2, EC No.: 229-347-8</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>
</tr>
<tr>
<td>Calcium chloride, anhydrous</td>
<td>CAS No.: 10043-52-4, EC No.: 233-140-8</td>
<td>As Per EC Regulation 1272/2008 Eye Irrit. 2A H319</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.

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: 3.5 - 4.5
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

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 scrubber 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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