1. Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier
Trade name: SILICIC ACID PRECIPITATED DRIED
Identification of the product: SILICIC ACID
CAS No: 1343-98-2
1.2. Relevant identified uses of the substance or mixture and uses advised against
Use: Industrial. For professional use only.

2. Hazards identification -DSD
2.1. Classification of the substance or mixture
Classification EC 67/548 or EC 1999/45
Not classified.
Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)
Not classified.
2.2. Label elements
Labelling EC 67/548 or EC 1999/45
Not classified.
S Phrase(s): S22: Do not breathe dust.
S24/25: Avoid contact with skin and eyes.

3. Composition/information on ingredients
Substance / Preparation: SILICIC ACID
CAS No: 1343-98-2
Substance.
Contains no other components or impurities which will influence the classification of the product.

4. First aid measures
4.1. Description of first aid measures
Inhalation: Assure fresh air breathing. Allow the victim to rest.
Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion: Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.
4.2. Most important symptoms and effects, both acute and delayed
Symptoms relating to use: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed
General information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures
5.1. Extinguishing media

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5. Fire-fighting measures (continued)
Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture
Hazardous combustion products: Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters
Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
For emergency responders: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

6.2. Environmental precautions
Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
Clean up methods: On land, sweep or shovel into suitable containers. Minimize generation of dust.

Store away from other materials.

6.4. Reference to other sections
See section 8. Exposure controls/personal protection

7. Handling and storage
7.1. Precautions for safe handling
Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

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7. Handling and storage (continued)
7.2. Conditions for safe storage, including any incompatibilities
Storage: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
7.3. Specific end use(s)
Specific end use(s): None.
8. Exposure controls/personal protection
8.1. Exposure controls
Personal protection: Avoid all unnecessary exposure.
• Respiratory protection: Wear approved mask.
• Hand protection: Wear protective gloves.
• Eye protection: Chemical goggles or safety glasses.
• Others: When using, do not eat, drink or smoke.
8.2. Control parameters
Occupational Exposure Limits: No data available.
9. Physical and chemical properties
9.1. Information on basic physical and chemical properties
Physical state at 20 °C: Solid.
Colour: White powder
Odour: Odorless
Odour threshold: No data available.
pH value: Not applicable.
Melting point [°C]: No data available.
Decomposition point [°C]: N/A
Critical temperature [°C]: N/A
Auto-ignition temperature [°C]: N/A
Flammability (solid, gas): N/A
Flash point [°C]: N/A
Boiling point [°C]: N/A
Initial boiling point [°C]: N/A
Final boiling point [°C]: N/A
Evaporation rate: N/A
Vapour pressure [20°C]: N/A
Vapour pressure mm/Hg: N/A
Vapour density: N/A
Density [g/cm³]: 2.1
Relative density, gas (air=1): N/A
Relative density, liquid (water=1) : N/A
Solubility in water [% weight] : Insoluble in water
Solubility in water : N/A
Log Pow octanol / water at 20°C : No data available.
Solubility : N/A
Viscosity at 40°C [mm²/s] : N/A
9.2. Other information
Explosive properties : N/A
Explosion limits - upper [%] : N/A
Explosion limits - lower [%] : N/A
Oxidising properties : No data available.
10. Stability and reactivity
10.1. Reactivity
Reactivity : Not established.
10.2. Chemical stability
Chemical stability : Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions
Hazardous reactions : Not established.
10.4. Conditions to avoid
Conditions to avoid : Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
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10. Stability and reactivity (continued)
Materials to avoid : Strong acids. Strong bases.
10.6. Hazardous decomposition products
11. Toxicological information
11.1. Information on toxicological effects
Acute toxicity
• Inhalation : Based on available data, the classification criteria are not met.
• Dermal : Based on available data, the classification criteria are not met.
• Ingestion : Based on available data, the classification criteria are not met.
Corrosion : Based on available data, the classification criteria are not met.
Irritation : Based on available data, the classification criteria are not met.
Sensitization : Based on available data, the classification criteria are not met.
Mutagenicity : Based on available data, the classification criteria are not met.
Carcinogenicity : Based on available data, the classification criteria are not met.
Toxic for reproduction : Based on available data, the classification criteria are not met.
STOT-single exposure : Based on available data, the classification criteria are not met.
STOT-repeated exposure : Based on available data, the classification criteria are not met.
Aspiration hazard : Based on available data, the classification criteria are not met.
12. Ecological information
12.1. Toxicity
Toxicity information : Not established.
12.2. Persistence - degradability
Persistence - degradability: Biodegradable.

12.3. Bioaccumulative potential
Bioaccumulative potential: Not established.

12.4. Mobility in soil
Mobility in soil: Not established.
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15. Regulatory information (continued)
Chemical Safety Assessment: It has not been carried out.
16. Other information
Revision: Revision - See: *
Abbreviations and acronyms: PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative
Further information: None.
In accordance with REACH Regulation (CE) Nº 1907/2006 and with CLP Regulation (CE) Nº 1272/2008
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LOBA CHEMIE PVT.LTD.
107 Wode House Road, Jehangir Villa, Colaba 400005 Mumbai INDIA
Contact: +91 22 6663 6663 / Fax +91 22 6663 6699 / info@lobachemie.com
Safety Officer: + 91 98213 31336 / + 91 98214 86040 / safety@lobachemie.com