




Safety Data Sheet

Jietai Purification Tech Co.,Ltd

Date: Aug. 4, 2021

Version: Dec. 12, 2020

1. Product and Company Identification	
Material Identification	
Trade name	: Descaler
Product Name	: CL-0116
Company Identification	
Company Name	: Jietai Purification Tech Co., Ltd.
Headquarters' Address	: No. 2, Meiping Street, Southern District, Zhongshan City, Guangdong, 528455 China
Phone	: +86 760 88319329
Fax	: +86 760 88898680

2. Hazard(s) Identification	
Classification of the Product	
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]	
Eye Irrit. 2A	
Label elements	
Hazard pictograms	 GHS07
Signal word	: warning
Hazard statements	: Causes serious eye irritation.
Precautionary statements	: Wash hands thoroughly after handling. Wear protective gloves, eye protection. 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.
Other Hazards	: No additional information available

3. Composition/ Information on Ingredients	
Substances	: Not applicable

Ingredient	CAS No.	Range
Citric acid	77-92-9	40 - 80 %
Sulfamic acid	5329-14-6	2 - 5 %
Sulfuric acid, aluminum salt (3:2)	10043-01-3	1 - 3 %

4. First Aid Measures	
Description of first aid measures	
Inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position



Safety Data Sheet

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	comfortable for breathing. Get medical advice/attention if you feel unwell.
Eye Contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persists.
Skin contact	: Flush contaminated skin with plenty of water. Get medical attention if irritation persists.
Ingestion	: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if adverse health effects persist or are severe.
Most important symptoms and effects, both acute and delayed	
Potential acute health effects	
Inhalation	: Cause irritation to the respiratory tract.
Eye contact	: Causes serious eye irritation.
Skin contact	: Cause skin irritation.
Ingestion	: Cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Indication of any immediate medical attention and special treatment needed	
Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).	

5. Fire Fighting Measures

Extinguishing media	
Suitable extinguishing media	: Carbon dioxide (CO ₂). Dry powder. Water spray. For large fire: Alcohol-resistant foam.
Unsuitable extinguishing media	: Do not use water jet.
Special hazards arising from the substance or mixture	
Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon.
Advice for firefighters	
Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	
General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
For non-emergency personnel	: No additional information available
For emergency responders	: No additional information available
Environmental precautions	



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Prevent entry to sewers and public waters	
Methods and material for containment and cleaning up	
For containment	: Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system.
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Provide ventilation.
Reference to other sections	
For further information refer to section 8: "Exposure controls/personal protection"	

7. Handling and Storage

Precautions for safe handling

Recommendations	: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. Avoid generating dust. Good housekeeping is important to prevent accumulation of dust. When using do not eat, drink or smoke.
Advice on general occupational hygiene	: Wash contaminated clothing before reuse. Always wash hands after handling the product.

8. Exposure Controls/ Personal Protection

Control parameters

There is no data available.

Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station
Individual protection measures	
Eye/face protection	: Wear eye protection
Skin protection	: Wear suitable protective clothing.
Hand protection	: Wear suitable gloves.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Avoid release to the environment.

9. Physical/ Chemical Properties



Safety Data Sheet

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Information on basic physical and chemical properties	
Appearance	
Physical state	: Solid.
Appearance	: Granules/Powder.
Color	: White.
Odor	: None.
Other safety parameters	
pH-value	: 2 - 3 [10% Solution]
Melting point/freezing point	: Not applicable.
Boiling point/Boiling range	: Not applicable.
Flash Point	: Not applicable.
Evaporation rate	: Not applicable.
Flammability (solid, gas)	: Not applicable.
Explosive limits	: Not applicable.
Vapor pressure	: Not applicable.
Density	: Not applicable.
Vapor density	: Not applicable.
Solubility(ies)	: Not applicable.
Partition coefficient: n-octanol/ water (log KOW)	: Not available.
Viscosity	: Not available.
Oxidising properties	: Not available.

10. Stability and Reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Heat. Incompatible materials. Avoid dust formation.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon.



Safety Data Sheet

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11. Toxicological Information
Information on toxicological effects
There is no data available.

12. Ecological Information	
Toxicity	: No data available.
Persistence and degradability	: No data available.
Bioaccumulative potential	: No data available.
Mobility in soil	: No data available.
Results of PBT and vPvB assessment	: No data available.
Other adverse effects	: No data available.

13. Disposal Considerations	
Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.

14. Transport Information	
UN-Number	: Not applicable.
UN proper shipping name	: Not applicable.
Transport hazard class(es)	: Not applicable.
Packing group	: Not applicable.
Environmental hazards	: No.
Special precautions for user	: Not applicable.

15. Regulatory Information	
Federal regulations	: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.



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	All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.
International regulations	: No additional information available
US State regulations	: Not applicable.

16. Other Information

Jietai Purification Tech Co.,Ltd believes that the information contained herein is accurate as of the date hereof. However, it is not claim it to be all inclusive. It should only be used as a guide.It does not represent any guarantee of the properties of the product.