



Material Safety data sheet

ProCitr

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier · Trade name: ' ' ' '

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Application of the substance / the mixture Industrial cleaner

1.3 Details of the supplier of the safety data sheet

Manufactured by:

Agrid Scientific Company,
63, South Beach Avenue, 1st Street,
MRC Nagar, Chennai - 600028

Further information obtainable from:

For further questions regarding the safety data sheet, please contact info@agrid.in

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal Word **Warning**

Hazard Classifications

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Irritation - Category 2A

Specific Target Organ Toxicity (Single Exposure) - Category 3 Respiratory Tract Irritation

Hazard Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.



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Prevention Precautionary Statements

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing fume, gas, mist, vapours or spray.

P264 Wash hands, face and all exposed skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

SECTION 3: Composition/Information on Ingredients

S. No	Chemical Name	CAS #	Percent	Hazard
1	Citric Acid	77-92-9	40-60%	Corrosive
2	Anionic Surfactant	9004-82-4	5-10%	None
3	Water	7732-18-5	Balance	None

**Ranges are provided as the exact composition is a trade secret*

SECTION 4: First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper lids occasionally get medical attention immediately.

Skin: Remove contaminated clothing and shoes, flush skin with plenty of water for at least 15 minutes, and get medical attention immediately.

Inhalation: Remove victim to fresh air. If not breathing give artificial respiration, if breathing is difficult, give oxygen and get medical attention immediately

Ingestion: Do not induce vomiting, give large quantities of water or milk if available; never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention immediately.

Information for doctor:

Treat symptomatically.

SECTION 5: Fire Fighting Measures

Flash Point Not Flammable.

Flash Point method Not applicable

Auto-ignition Temperature Not applicable.

LEL Not applicable.

UEL Not applicable.

Flammable classifn Not Flammable

Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.



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- For safety reasons unsuitable extinguishing agents: Not applicable.
- **Special hazards arising from the substance:** Not Applicable

Advice for fire-fighters: Not Applicable

SECTION 6: Accidental Release Measures

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable

SECTION 7: Handling and Storage

Storage Precautionary Statements

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Handling Precautions: Protect from physical damage. When using do not eat, drink or smoke. Prevent formation of aerosols. When diluting always pour product into water and not vice versa.

Storage Requirements: Store in a cool dry ventilated storage area with acid resistance floors. Keep away from heat, water and incompatible materials.

Engineering Controls: Provide proper ventilation so as to maintain environment below air borne exposure limit.

Respiratory Protection: If exposure limit is exceeded, use respiratory protection.

Protective Clothing/ equipment : Use full PVC Suit, PVC hand gloves and safety shoes.



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SECTION 8: Exposure controls and personal protection

Exposure controls

Personal protective equipment:

OVERALLS, GLOVES, CHEMICAL GOGGLES. Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted. Wear overalls, gloves, chemical goggles. Available information suggests that gloves made from nitrile rubber, polyvinyl chloride (PVC) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

Material of gloves: Chloroprene rubber, Natural rubber

SECTION 9: Physical and Chemical Properties

Form:	Clear Liquid
Colour:	Clear
Odour:	None
Solubility:	Fully soluble
Specific Gravity (20 °C):	1.18 - 1.20
Flash Point (°C):	Non Flammable
pH:	0.8 - 1.2
Explosive Properties:	Product does not have explosion properties

SECTION 10: Stability and Reactivity

Chemical stability:	This material is thermally stable when stored and used as directed.
Conditions to avoid:	Elevated temperatures and sources of ignition.
Incompatible materials:	Oxidising agents.
Hazardous decomposition products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous reactions:	No known hazardous reactions.



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SECTION 11: Ecological Information

Ecotoxicity:	No information available.
Persistence and degradability:	The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.
Environmental:	No information reported.
Physical:	No information available
Other:	None.

SECTION 12: TOXICOLOGICAL INFORMATION

TLV as per ACIGH:	2 ppm
Acute Inhalation Effect:	Corrosive. Inhalation of vapour can cause breathing difficulties, over exposure may lead to pneumonia and pulmonary edema.
Primary irritant effect:	Strong caustic effect on skin and mucous membranes.
Irritating effect.	Serious eye damage/irritation. May cause irreversible eye damage Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

SECTION 14: TRANSPORT INFORMATION

Shipping name	ProCitr
ROAD AND RAIL TRANSPORT	Not classified as Dangerous Goods
MARINE TRANSPORT	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
AIR TRANSPORT	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air



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SECTION 15: REGULATORY INFORMATION

Oxidizing, Corrosive Material

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

Basel Convention (Hazardous Waste)

MARPOL (International Convention for the Prevention of Pollution from Ships)

SECTION 16: OTHER INFORMATION

Prepared by: M/s Agrid Scientific Company, Chennai.

Disclaimer: Disclaimer Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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