

Material Safety Data Sheet

ICE MACHINE CLEANER

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ISSUED by: STERILE-CARE PTY. LTD.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

ICE MACHINE CLEANER

Product Code**Company Name**

STERILE-CARE PTY. LTD. (ABN 80 073 961 289)

AddressUnit 17/6 Abbott Road Seven Hills
NSW 2147 Australia**Emergency Tel.**

02 9674 8849

Recommended Use

Cleaning Internal Ice Machine Parts

Other Names

Name	Product Code
ORTHOPHOSPHORIC ACID	

Additional Information

If no answer contact Poisons Information Centre 02 9692 6111

2. HAZARD IDENTIFICATION

Hazard ClassificationHAZARDOUS SUBSTANCE.
DANGEROUS GOODS.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Risk Phrase(s)

Classified as hazardous according to criteria of NOHSC

Medical Conditions Generally Aggravated by Exposure

This product is Toxic by inhalation and corrosive, - causes severe burns. Long term effects include erosion of the teeth and bronchial irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization

Liquid

Ingredients

Name	CAS	Proportion
Phosphoric Acid 85% Food grade	7664- 38- 2	Medium
Terric	37311- 00- 5	Low
Flourescein		Low
Water	7732- 18- 5	Balance

4. FIRST-AID MEASURES

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention if symptoms occur.

Ingestion

Immediately rinse mouth with water: then drink one or two large glasses of water DO NOT induce vomiting. Contact a doctor or a Poisons Information Centre (Phone 131126)

Skin

Immediately remove contaminated clothing. Flush effected area with lukewarm water. Seek immediate medical attention.

Eye

Speed is essential! Immediately flush eyes with plenty of lukewarm water holding eyelids open. If available, a neutral saline solution may be used. Seek immediate medical attention.

Advice to Doctor

Treat symptomatically based on individual reactions of patient.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Is a non-flammable liquid, however flammable hydrogen gas may be formed in contact with metals. In case of fire, appropriate extinguishing media include water fog, foam, carbon dioxide and dry chemical powder.

Hazards from Combustion Products

Non-combustible liquid. However, will support combustion of other products. Incompatible with oxidising agents, alkalis, metals, organic halogen compounds, nitro and chloro organic compounds and sources of ignition. Corrosive to steel, aluminium, tin, zinc and most metals generating flammable/explosive hydrogen gas. Will emit toxic fumes in a fire including hydrogen chloride.

Special Protective Equipment for fire fighters

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazchem Code

2R

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Personnel involved in the clean up should wear full protective clothing. Evacuate all unnecessary personnel. Eliminate all sources of ignition. Increase ventilation. Avoid walking through spilled product as it is corrosive and may be slippery. Stop leak if safe to do so. NO NOT let product reach drains or waterways. If product does enter a waterway advise the Environmental Protection Authority or your local Waste Management. Use corrosion-resistant and spark proof equipment.

Methods And Materials For Containment And Cleaning Up

Soak up spilled product using absorbent non-combustible material such as sand or soil Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal. Solutions can be recovered or carefully diluted with water and cautiously neutralized with alkalis such as lime or soda ash, adjusting pH to 6-10.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not mix with other products. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment.

Conditions for Safe Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from incompatibles such as oxidizing agents, acids, metals alkalis, organic halogen compounds, nitro and chloro organic compounds and sources of ignition. Use corrosion resistant structural materials and lighting and ventilation systems in the storage area. Protect from direct sunlight, moisture and static discharges. This product has a UN classification of 1805 and a Dangerous Goods Class 8 (corrosive) according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No Exposure Limit Established

Engineering Controls

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Respiratory Protection

A respirator is not needed under normal and intended conditions of use.

Eye Protection

Safety glasses

Hand Protection

Use chemical resistant, impervious gloves: PVC gloves.

Body Protection

No special protective clothing is required.

Hygiene Measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Odour

Pungent odour

Melting Point

N/A

Boiling Point

N/A

Specific Gravity

1.1

pH Value

<1

Vapour Pressure

Not available

Vapour Density (Air=1)

N/A

Physical State

Fuming pungent Liquid

Colour

Pale yellow, green

Flash Point

Test Unknown N/A

Other Information

Solubility: 100%

Reactions that release: Corrosive to metals liberating hydrogen gas

10. STABILITY AND REACTIVITY

Chemical Stability

The product is stable under normal ambient conditions of temperature and pressure.

Conditions to Avoid

Direct sunlight, excessive heat, moisture, static discharges.

Incompatible materials

Acids, metals

Incompatible with oxidising agents, acids, alkalis, metals, organic halogen compounds nitro and chloro organic compounds and sources of ignition.

Hazardous Reactions

Hazardous polymerization with not occur

11. TOXICOLOGICAL INFORMATION

Inhalation

Toxic by inhalation! Effects of inhaling vapour and mists have not been clearly established. Most references indicate that irritation of the nose, throat and lungs would occur due to the corrosive nature of the product.

Ingestion

Corrosive! Causes burning of the mouth, throat and oesophagus, vomiting, diarrhoea, collapse and possible death may result.

Skin

Extremely corrosive! Capable of causing severe skin burns with deep ulceration. Can penetrate to deeper layers of skin. Corrosion will continue until removed. Severity depends on concentration and duration of exposure. Repeated/prolonged contact with diluted solutions may lead to irritant contact dermatitis.

Eye

Extremely corrosive! Can penetrate deeply causing irritation or severe burns depending on the concentration and duration of exposure. In severe cases, ulceration and permanent damage may occur.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not available

Persistence / Degradability

Not available

Mobility

Not available

Environmental Protection

Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of in accordance with all local, state and federal regulations.

Special precautions for landfill or incineration

The waste code classification is to be carried out according to the European Waste Catalogue EWC specifically for each branch of industry and each type of process.

14. TRANSPORT INFORMATION

U.N. Number

1805

Proper Shipping Name

PHOSPHORIC ACID, SOLUTION

DG Class

8

Packing Group

III

Hazchem Code

2R

Special Precautions for User

Toxic

IERG Number

37

15. REGULATORY INFORMATION

Regulatory information

EPG: 40

AICS Name: Orthophosphoric Acid

NZ toxic substance: 3

Classified as hazardous in accordance with Annex I European Directive 67/548/EEC and The Australian Safety and Compensation Council ASCC formerly known as NOHSC

Poisons Schedule

S6

16. OTHER INFORMATION

User Codes

User Title Label	User Codes
Task #	17070
Transcription Sign Off	17070 AF 25012016

Other Information

Change Made: New format.

This SDS has been transcribed into Infosafe NOHSC format from an original, issued by the manufacturer on the date shown. Any disclaimer by the manufacturer may not be included in the transcription.

END OF MSDS

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