



SAFETY DATA SHEET

From Classeq

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CLASSEQ DESCALER & TARNISH REMOVER

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name CLASSEQ DESCALER & TARNISH REMOVER
Pack Size 2 x 5L
Safety Data Sheet No K13/CQ
Supplier CLASSEQ
 Roebuck Way, Knowlhill, Milton Keynes, MK5 8WH
Main and Emergency Tel No. 0870 224 7280 (9.00 a.m. . 5.00 p.m. Mon - Fri)

Product Features

Classeq Descaler and Tarnish Remover enables rapid penetration and removal of scale deposits. It will effectively remove all forms of metal tarnish, hard water scale, rust from ferrous metals and even brighten aluminium and chrome surfaces. The properties of this product enable it to be used extensively in the catering and food industries for general purpose cleaning and maintenance.

Directions for Use

Add 1 part product to 5 parts water. Always add acid to water, not water to acid. Apply by swab, brush, non-misting low pressure spray or immersion. Allow for removal of scale or tarnish. Thoroughly rinse components after treatment. Ensure all scale has been removed as remaining scale may retain the product and cause damage if kettle is boiled. Repeat descaling process if necessary. When descaling kettles or urns, do not boil. Use at room temperature only.

Caution : This product is acidic and will damage carpets and textiles. If spillages occur, remove the surplus acid with a damp cloth and neutralise as soon as possible with washing soda or baking soda. Clean thoroughly with a proprietary carpet shampoo.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	SYMBOL	RISK NUMBER	CONTENTS
PHOSPHORIC ACID	7664-38-2	C	R34	>10%
ALCOHOL ETHOXYLATE	68439-45-2	Xi /Xn	R22, R36/38	<1%

The full text for all R-phrases is shown in Section 16.

3. HAZARD IDENTIFICATION

IRRITANT

EYE CONTACT May cause pain, watering and redness. Possible damage to eyes.
SKIN CONTACT May cause severe irritation and soreness.
INGESTION May cause severe abdominal pains and vomiting. May cause internal burns.
INHALATION Not a hazard in normal use.

4. FIRST AID MEASURES

EYES Wash out immediately with water. Seek immediate medical help.
SKIN Wash off with soap and water. Seek medical help for burns or large area exposure.
INGESTION Do not induce vomiting. Drink plenty of water. Seek immediate medical help.
INHALATION Remove to fresh air if affected.

In all cases, if symptoms persist, seek medical advice and show this information sheet.

Note for Medical Practitioners : This information is registered with the National Poisons Information Service.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	This material is not flammable. Use extinguishing media appropriate for surrounding fire.
PROTECTIVE MEASURES IN FIRE	N/A
HAZARDOUS DECOMPOSITION PRODUCTS	N/A

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Avoid contact with skin and eyes.
SPILL CLEAN UP METHODS	Wash small spills to drain. Large spills should be absorbed by sand/granules and disposed of carefully.
PROTECTION OF ENVIRONMENT	Large spills or uncontrolled discharges into rivers or streams must be reported to the Environment Agency or other regulatory body.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS	Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection.
STORAGE PRECAUTIONS	Store so as to avoid extremes of temperature. Do not allow to freeze. Keep away from alkalis and bleaches.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION	N/A
RESPIRATORS	N/A
PROTECTIVE GLOVES	Wear rubber or PVC gloves
EYE PROTECTION	Wear goggles
OTHER PROTECTION	Wear PVC apron

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear colourless liquid
ODOUR	Acidic
SOLUBILITY	Miscible in water
BOILING POINT	100°C
SPECIFIC GRAVITY	1.185
FLASH POINT	None
MELTING POINT	N/A

10. STABILITY AND REACTIVITY

STABILITY	Stable in normal use conditions.
MATERIALS TO AVOID	Will react violently with alkalis. Contact with bleach leads to release of toxic chlorine gas. Do not mix with any other chemical product.

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11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION Refer to Hazard Identification and Composition Sections.
OTHER HEALTH EFFECTS

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS Neat product will cause damage to plant and animal life. Do not allow to enter surface waterways. In the event of a spillage contact the police, local water authority or Environment Agency immediately.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Dispose of via reputable contractor and in accordance with local authority regulations.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME	N/A
UN No	N/A
HAZARD CLASS	N/A
ADR PACK GROUP	N/A
INTRASTAT NO	3402 90 90

15. REGULATORY INFORMATION



LABEL FOR SUPPLY

IRRITANT

RISK PHRASES	R36/38	Irritating to eyes and skin
SAFETY PHRASES	S2	Keep out of reach of children
	S24/25	Avoid contact with skin and eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S27/28	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
	S37/39	Wear suitable gloves and eye/face protection.

STATUTORY INSTRUMENTS Chemicals (Hazard Information and Packaging) Regulations

16. OTHER INFORMATION

RISK PHRASES - FULL TEXT

R22	Harmful if swallowed
R34	Causes burns
R36	Irritating to the eyes
R38	Irritating to the skin

INFORMATION SOURCES Approved Supply List - HSC
 Material Safety Data Sheet - Misc. manufacturers

REVISION COMMENTS Revised in accordance with Chemical (Hazard Information and Packaging) Regulations

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REVISION DATE

24th July 2007 . Revision No. 0

This product is only to be used for the purpose for which it was intended and in accordance with the specified instructions. This product should never be mixed with other chemical products and should be handled with care and stored carefully out of reach of children.

All Classeq containers are recyclable and we would be pleased to provide relevant information about individual packs, and recycling agencies.

Information contained in this Safety Data Sheet is accurate to the best knowledge of Classeq.

Because of our continuing desire to incorporate technical improvements and innovations, and in view of the possibility of the occasional need to substitute certain materials, Classeq reserves the right to alter specifications without notice.

Unless otherwise stated, it is recommended that this product is used within 12 months of purchase.