

# SAFETY DATA SHEET



## 03692 – INHIBITED APPLIANCE DESCALER

Trust Hygiene Services Limited

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: 03692  
PRODUCT NAME: INHIBITED APPLICANCE DESCALER (5%) 2 x 5 Ltrs  
MANUFACTURER: Trust Hygiene Services Limited Telephone: 0370 3500 988  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

An aqueous alkaline blend containing detergents and sequesterants.

HAZARDOUS INGREDIENTS	CAS NO	%W.W.(RANGE)	NATURE OF HAZARD
HYDROCHLORIC ACID	7647-01-0	1.0-2.0	CORROSIVE. (R35) Causes severe burns.

### 3. HAZARDS IDENTIFICATION

Product is classed as CORROSIVE under Chemicals (Hazard Information and Packaging) Regulations.

Risk Phrases: R36/38 Irritating to eyes and skin.

Use commonsense precautions when handling this product.

### 4. FIRST AID MEASURES

**INGESTION:** DO NOT INDUCE VOMITING. Give small sips of milk or water to drink and seek immediate medical attention.  
**SKIN:** Remove contaminated clothing, and wash before wearing. Wash affected area well with soap and water. If irritation persists seek medical attention.  
**EYES:** Rinse immediately with large quantities of clean water, holding eye open. Seek medical attention.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Product is not flammable, however irritating fumes may be given off in the event of a fire. Treat fires with either dry chemical, foam or waterspray - do not use waterjet.

### 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN UP METHODS:** Spillages need to be contained to prevent entering watercourse, however small spillages can be rinsed away - use plenty of water. Absorb spillage in inert material e.g. dry sand/earth and transfer into secure plastic container(s) for disposal.

### 7. HANDLING AND STORAGE

1. Store away from children.
2. Use only according to directions.
3. Do not mix with other chemicals.
4. Always ensure cap is replaced and tightened after use.
5. Do not store in temperatures greater than 35°C or less than 0°C.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

1. Prevent contact with eyes from splashing by wearing safety glasses and wear protective rubber gloves (natural rubber, chlorinated rubber) when handling this product.
2. Always maintain a good standard of occupational hygiene when handling chemicals. Exposure levels according to EH40 list issued by HSE:

#### PROTECTIVE EQUIPMENT:



## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** A viscous dark straw coloured liquid  
**ODOUR:** Odourless  
**pH:** 0  
**DENSITY (@20°C):** 1.088 kg/litre  
**FLASH POINT (°C):** Not applicable  
**SOLUBILITY:** Soluble in water

## **10. STABILITY AND REACTIVITY**

**STABILITY:** Product is stable under normal conditions. May react with some metals to produce hydrogen gas, which is highly flammable. Will react with bases, chlorates, nitrates, calcium carbide.

## **11. TOXICOLOGY INFORMATION**

No significant health hazard when properly used for the application it was designed for.  
Effects due to overexposure when:

**INGESTION:** Sore mouth, throat/abdominal pain/vomiting.  
**SKIN CONTACT:** Irritation/redness. Repeated contact with neat or diluted product may cause irritation.  
**EYE CONTACT:** Severe pain, redness, watering. Prolonged contact causes damage.

## **12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** The acid is inorganic and therefore cannot be classed as biodegradable, the surfactant however is biodegradable.

## **13. DISPOSAL CONSIDERATIONS**

**DISPOSABLE METHODS:** Dispose of according to local regulations.

## **14. TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** CORROSIVE LIQUID, NOS (contains Hydrochloric Acid)  
**U.N. NO.:** 1789  
**HAZARD CLASS.:** 8  
**UK TRANSPORT CATEGORY:** 5  
**PACKING GROUP:** III

## **15. REGULATORY INFORMATION**

Product is classed as IRRITANT under CHIP Regulations.

**RISK PHRASES:** R36/38 Irritating to eyes and skin  
**SAFETY PHRASES:** S2 Keep out of the 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.  
S46 If swallowed seek medical advice immediately and show this container label.

## **16. OTHER INFORMATION**

**USER NOTES:** The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.  
**DATE CREATED:** January 2009