

**SAFETY DATA SHEET**

Trust Hygiene Services Limited

**05810 – INHIBITED ACID DESCALER****1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

**PRODUCT CODE:** 05810

**PRODUCT NAME:** INHIBITED ACID DESCALER (20%) 2 x 5 Ltrs

**DISTRIBUTOR:** Trust Hygiene Services Limited Telephone: 0370 3500 988  
 Sutherland Avenue Fax: 01902 872289  
 Wolverhampton Email: sales@trusthygiene.co.uk  
 West Midlands  
 WV2 2JH

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

An aqueous acidic blend containing surface active agents, inhibitor and dye.

HAZARDOUS INGREDIENTS	CAS NO	% W.W.(RANGE)	NATURE OF HAZARD
HYDROCHLORIC ACID	7647-01-0	10 - 15	CORROSIVE. (R34, R37) Causes severe burns. Irritating to respiratory system Occupational Exposure Standard (O.E.S.) set *.

**3. HAZARDS IDENTIFICATION**

Product is classed as IRRITANT under Chemicals (Hazard Information and Packaging) Regulations 1994.

Risk Phrases: 36/37/38 Irritating to eyes, respiratory system and skin.

Use commonsense precautions when handling this product.

**4. FIRST AID MEASURES**

**INHALATION:** Move patient to fresh air.

**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:  
 Occupational Exposure Standard: O.E.S.: Hydrochloric Acid L.T.E.L. 8 hours - not set.  
 S.T.E.L. 15 minutes- 7mg/cubic metre

## PROTECTIVE EQUIPMENT:



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	A viscous dark coloured straw liquid
<b>ODOUR:</b>	Characteristic "acid"
<b>pH:</b>	0
<b>DENSITY (@20°C):</b>	1.088 kg/litre
<b>FLASH POINT (°C):</b>	Not applicable
<b>SOLUBILITY:</b>	Soluble in water

## 10. STABILITY AND REACTIVITY

**STABILITY:** Product is stable under normal conditions. Will react with most metals to produce hydrogen gas which is highly flammable.

## 11. TOXICOLOGY INFORMATION

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

<b>INHALATION:</b>	Irritation, coughing, sore throat (only applicable whilst product is being sprayed).
<b>INGESTION:</b>	Severe irritation to mouth and throat/abdominal pain.
<b>SKIN CONTACT:</b>	Repeated contact of neat or diluted product will cause irritation and redness. Prolonged contact causes damage.
<b>EYE CONTACT:</b>	Severe pain, redness, watering. May cause permanent damage.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** Product is mainly inorganic therefore cannot be classed as biodegradable.

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

<b>PROPER SHIPPING NAME:</b>	CORROSIVE LIQUID, NOS (contains Hydrochloric Acid)
<b>U.N. NO.:</b> 1789	<b>I.M.D.G. PAGE NUMBER:</b> 8147
<b>HAZARD CLASS.:</b> 8	<b>PACKING GROUP:</b> III

## 15. REGULATORY INFORMATION

Product is classed as IRRITANT under CHIP Regulations.

<b>RISK PHRASES:</b>	R36/37/38	Irritating to eyes, respiratory system and skin.
<b>SAFETY PHRASES:</b>	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.
	S51	Use only in well ventilated areas.

## 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