



SAFETY DATA SHEET

Inhibited Appliance Descaler

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Revision No: 3

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

1.1. Product identifier

Product name: Inhibited Appliance Descaler

Product code: 03693

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Trust Hygiene Services Ltd
Principle House
Leamore Lane
Bloxwich
Walsall
West Midlands
WS2 7PS

Email: sales@trusthygiene.co.uk
Telephone: 0370 3500 988 (09:00 to 17:00 Mon-Fri)

1.4. Emergency telephone number

(UK) NHS 111 / 999

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1A: H314; STOT SE 3: H335

Most important adverse effects: Causes severe skin burns and eye damage. May cause respiratory

2.2. Label elements

Label elements:

Hazard statements: H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark



Precautionary statements: P260: Do not breathe mist/vapours/spray.

[cont...]

- P264: Wash exposed skin thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312: Call a POISON CENTER/doctor/physician/if you feel unwell.
- P363: Wash contaminated clothing before reuse.
- P403+233: Store in a well-ventilated place. Keep container tightly closed.
- P501: Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROCHLORIC ACID - REACH registered number(s): 01-2119484862-27

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-595-7	-	-	Skin Corr. 1B: H314; STOT SE 3: H335	<10%

Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Causes severe burns.

Eye contact: Corrosive to eyes.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting. Blood may be vomited.

Inhalation: Can cause severe irritation to upper respiratory tract.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye irrigation equipment should be available

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media: Carbon dioxide. Foam. Water fog. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes of chlorine/hydrogen chloride.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Use personal protective equipment. Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Neutralise and flush with large amounts of water. Transfer to a suitable container. Dispose of through an authorised disposal contractor.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements: Provide good ventilation of working area, local exhaust ventilation, if necessary Breathing must be protected when large quantities are decanted without local exhaust ventilation. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Hazardous ingredients:

HYDROCHLORIC ACID...100%

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	7.6 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. In inadequately ventilated areas, where workplace limits are exceeded, use suitable respiratory protection.

Respiratory protection: Gas/vapour filter, type E: sulphur dioxide and other acid gases (EN141).

Hand protection: Protective gloves.

Eye protection: Safety goggles. Eye irrigation equipment should be on hand

Skin protection: Protective clothing. Boots made of PVC.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State: Liquid

Colour: Colourless

Odour: Pungent

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible

pH: <2

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong bases. Strong oxidising agents. Amines. May attack metals.

10.6. Hazardous decomposition products**Section 11: Toxicological information****11.1. Information on toxicological effects****Relevant hazards for substance:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Causes severe burns.

Eye contact: Corrosive to eyes.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting. Blood may be vomited.

Inhalation: Can cause severe irritation to upper respiratory tract.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information**12.1. Toxicity**

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No evidence of bioaccumulation.

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: A spill will result in high pH values in any watercourse or drain that it may enter. High pH values could have a harmful effect on aquatic organisms.

Section 13: Disposal considerations**13.1. Waste treatment methods**

Disposal operations: Do not release undiluted and unneutralised to sewer. Dispose of in accordance with applicable local & national regulations.

Disposal of packaging: Dispose of as normal industrial waste. Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information**14.1. UN number**

UN number: UN1789

14.2. UN proper shipping name

Shipping name: HYDROCHLORIC ACID

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 2

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Control of Substances Hazardous to Health Regulations 2002.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.