

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name : INHIBITED DESCALER
Product Use: : ACID DESCALER
Restrictions on use: FOR INDUSTRIAL OR PROFESSIONAL USE ONLY
Company : SHARE CANADA
1691 CHURCH AVENUE
WINNIPEG, MB R2X 2Y7
TELEPHONE: 1-800-665-7692
Emergency number : CANUTEC 1-613-966-6666

SECTION 2 - HAZARDS IDENTIFICATION

Hazard classification: CORROSIVE TO METALS, SKIN AND EYE CORROSION,
SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE

Symbols:



Signal word: DANGER
Hazard statement(s): MAY BE CORROSIVE TO METALS
CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION.

Precautionary statements: KEEP ONLY IN ORIGINAL CONTAINER.
DO NOT BREATHE MIST, SPRAY.
WASH THOROUGHLY AFTER HANDLING.
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.
KEEP CONTAINER TIGHTLY CLOSED.
WEAR EYE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION
Hydrogen chloride	7647-01-0	10 – 30 %
UNDECETH-5	34398-01-1	1.0 - 5.0 %

SECTION 4 – FIRST AID MEASURES

First-aid measures general : If you feel unwell, seek medical advice (Show the label where possible).

First-aid measures after inhalation : Remove victim into fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, call a poison control centre or doctor.

First-aid measures after skin contact	:	Immediately take off all contaminated clothing and wash it before reuse. Rinse with water / shower. If skin irritation occurs, get medical advice / attention.
First-aid measures after eye contact	:	Remove contact lenses if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Immediately call a poison control centre or doctor.\
First-aid measures after ingestion	:	Fatal if swallowed. Immediately call a poison control centre or doctor. Rinse mouth . Do NOT induce vomiting. Drink plenty of water.
Symptoms/injuries	:	Causes severe skin burns and eye damage. May cause respiratory irritation.
Symptoms/injuries after inhalation	:	May cause respiratory irritation.
Symptoms/injuries after skin contact	:	Caustic burns / corrosion of the skin.
Symptoms/injuries after eye contact	:	Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.
Symptoms afer ingestion	:	Burns to the gastric/intestinal mucosa.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media	All extinguishing media allowed.
Reactivity:	Thermal decoposition generates CO and CO2 are formed.
Firefighting instructions	Exercise caution when fighting any chemical fire. Use water moderately and if possible, collect and contain it. Use water spray of fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

General measures: Isolate from fire, if possible, without unnecessary risk.	
Protective equipment	Gloves, Protective goggles. Face shield. Protective clothing.
Emergency procedures	Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Stop release. Ventilate area.
For containment:	Contain released substance, pump into suitable containers.
Methods for cleaning up	This material and its container must be disposed of in a safe way, and as per local legislation.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling	Do not spray to create mists. Do not heat to create vapous. Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
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Hygiene measures	Wash thoroughly after handling. Wash contaminated clothing before reuse.
Technical measures	Comply with applicable regulations.
Storage conditions	Keep container closed when not in use.
Storage area	Keep only in original container Store in a cool, dry area.
Incompatible materials:	Chlorine – based bleaching agents, ammonia.
Incompatible products:	Alkaline substances, metals and metal salts.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls: Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure.

Hydrogen chloride (7647-01-0)		
ACGIH	ACGIH Ceiling (ppm)	2 ppm USA Momentary value TLV adopted value

Personal protective equipment: : Protective goggles. Gloves. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid
Appearance : Clear green liquid.
Odour : Acidic odour.
Odour threshold : No data available
pH : 1
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : > 93.7 Closed cup
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Vapour pressure : No data available
Relative density : No data available
Relative vapor density at 20 °C : No data available
Specific gravity / density : 1.1 g / ml
Solubility : Soluble in water.
Log Pow : No data available
Log Kow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
VOC content : < 0.5 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Thermal decomposition generates carbon monoxide, carbon dioxide, HCL and chlorine.

Incompatible materials : May be corrosive to metals. Metals.

Conditions to avoid: No additional information available.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified.

Hydrogen chloride (7647-01-0)

LD50 oral rat

700 mg/kg

Hydrogen chloride (7647-01-0)	
LC50 inhalation rat (mg/l)	1.68 mg/l
ATE CLP (oral)	700 mg/kg body weight
ATE CLP (vapours)	1.68 mg/l / 4h
ATE CLP (dust/mist)	1.68 mg/l 4h

Skin corrosion/irritation : Causes severe skin burns.
pH: 1

Serious eye damage/irritation : Causes serious eye damage.
pH: 1

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

hydrogen chloride (7647-01-0)	
IARC group	3 - Not Classifiable

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : Corrosive to respiratory tract.

Symptoms/injuries after skin contact : Caustic burns / corrosion of the skin.

Symptoms/injuries after eye contact : Causes serious eye damage. Corrosion of the eye tissue
Permanent eye damage.

Symptoms/injuries after ingestion : Fatal if swallowed. Burns to the gastrointestinal mucosa.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): No additional information available.

Persistence and degradability: No additional information available.

Bioaccumulation potential: No additional information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 – TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG): TDG Class 8, Hydrochloric acid UN 1789 Packing Group II.

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SDS
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