

# CHAUCER CHEMICALS LIMITED

## PRODUCT SAFETY DATA SHEET

### ZENITH - HEAVY DUTY DEGREASER

#### 1. IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: Supplier: Tel No:	ZENITH: CHAUCER CHEMICALS LIMITED, P.O.Box1, St.Neots, Cambs PE19 1DP Tel: 01480 476202 Fax: 01480 406459
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#### 2. INFORMATION ON INGREDIENTS

Product Description:  Hazardous Ingredients:	Aqueous solution of Chelating Agents, Sodium Hydroxide and surfactants.  Sodium Hydroxide 10% w/w
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#### 3. HAZARDS IDENTIFICATION

Not classified as hazardous	Causes burns, Irritating to respiratory system
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#### 4. FIRST AID MEASURES

Eyes:	Rinse immediately with plenty of water and seek medical advice if irritation persists
Skin:	Remove contaminated clothing, wash off with soap and water immediately
Ingestion:	Do not induce vomiting. Provided patient is conscious, wash out mouth with water, then give plenty of drink milk or water, obtain urgent medical attention.
Inhalation:	Remove patient to the fresh air, rest and keep warm, seek medical attention.

#### 5. FIRE FIGHTING MEASURES

Extinguishing Media:	Not classified as flammable.
Unusual Media:	None known
Unusual Fire and Explosion Hazards:	Hydrogen Chloride
Protective Equipment for Fire:	Self contained breathing apparatus and full protective clothing

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective clothing, gloves and safety goggles.
Environmental Precautions:	Do not allow product or washings to enter surface or ground waters.
Spillages:	Absorb with sand, earth or suitable material. Neutralize with Sodium Carbonate Transfer to a container for disposal to local regulations.

#### 7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes and skin.
Storage:	Store in a cool place in the original container. Keep away from oxidising agents.

#### 8. EXPOSURE CONTROL (PERSONAL PROTECTION)

Respiratory Protection:	Type approved RPE for acidic vapours.
Hand Protection:	PVC or rubber gloves.
Eye Protection:	Safety goggles.
Skin Protection:	Rubber boots, PVC overalls.

Occupational Exposure Limits:	LTEL 8hr TWA	STEL (15 mins)	
Hazardous Ingredient(s)	ppm mg/m <sup>3</sup>	ppm mg/m <sup>3</sup>	Type
Sodium Hydroxide		2	OES

# ZENITH

## PHYSICAL AND CHEMICAL INFORMATION

Appearance/Colour	Dark Amber Liquid
Odour:	Bland
pH Value @ 20°C:	> 12.0
Boiling Point (°C):	100°C
Melting Point (°C):	< 0°C
Flash Point (°C):	Not applicable
Auto Ignition Temp.(°C):	Not applicable
Explosive Limits in Air:	Not applicable
Vapour Pressure @ (20°C):	No data
Relative Density @ (20°C):	1.25
Water Solubility:	Completely miscible

## STABILITY AND REACTIVITY

Conditions to Avoid:	Temperatures above 40°C
Materials to Avoid:	Oxidising agents, ammonia, amines
Hazardous Decomposition:	Hydrogen chloride

## TOXICOLOGICAL INFORMATION

Eye Contact:	Corrosive to eye
Skin Contact:	Corrosive to skin and mucous membranes
Ingestion:	Ingestion may cause irritation of the gastro-intestinal tract
Inhalation:	Mists and vapour will cause irritation of the upper respiratory tract, may cause corrosion, pulmonary oedema may occur up to 48 hours

## ECOTOXICOLOGICAL INFORMATION

Biodegradability:	At use dilutions is readily broken down by biological sewage treatment
Toxicity:	Fatal to fish and other aquatic life
Effect on Effluent Treatment:	Neutralize slowly by natural alkalinity
Distribution:	Completely water soluble: Material does not bioaccumulate
Mobility:	Hygroscopic and very soluble

## DISPOSAL CONSIDERATION

Product:	Absorb in earth, sand or other suitable absorbent, and dispose of as solid waste according to local regulations. Dispose of by incineration
Packages:	Wash out containers with water, running the washings to a sewage treatment system. Dispose of container according to local regulations

## TRANSPORT INFORMATION

Classification for Transport:	CORROSIVE Emergency Action Code 2R
UN Number:	1789 E.E.C. No- 231 - 595 - 7
Road & Rail Transport (ADR/RID)	H.I. No: 80 Class/Item No> 8, 5, (b) IMDG Packaging: II

## REGULATORY INFORMATION

EEC Classification:	CORROSIVE
Risk Phrase:	R34-37 Causes burns. Irritating to respiratory system
Safety Phrases:	S2: Keep out of reach of children S25: Avoid contact with eyes S26: In case of contact with eyes rinse immediately with plenty of water and seek medical advice S46: If swallowed give plenty of milk or water and seek urgent medical attention