



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

HAZM 500

ELEKTRO-KLEEN

MATERIAL SAFETY DATA SHEET

**SECTION 1:
CHEMICAL PRODUCT AND
COMPANY IDENTIFICATION**

Product name: HAZM 500
ELEKTRO-KLEEN

Product Code: SC-704

Manufacturer: Saudi Chem Co.
Address: P.O. Box 70108
Al Khobar 31952
Kingdom of Saudi Arabia

Telephone: +966 13 812 1166 | +966 13 847 6467
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**SECTION 2:
COMPOSITION / INFORMATION
ON INGREDIENTS**

Chemical Names	Chemical Formula	Concentration	CAS Number
Methylene Chloride	CH ₂ Cl ₂	2 - 20 %	000075-09-2
Trichloroethylene	CCl ₂ CHCl	10 - 40 %	000079-01-6
White Spirit	None	50 - 80 %	

**SECTION 3:
HAZARD IDENTIFICATION**

Major Hazards: Harmful by inhalation. High concentrations may cause drowsiness, headaches and giddiness.

Specific Hazards: Irritating to skin and eyes. Will remove natural greases of the skin.

**SECTION 4:
FIRST AID MEASURES**

Inhalation: Move the victim to fresh air. Get medical assistance immediately.

Skin Contact: Wash affected areas thoroughly with much water. For gross contact, remove contaminated clothing under safety shower and prolong washing to 15 minutes.

Eye Contact: Flush thoroughly the eye and eyelids with running water for at least 15 minutes. Call a physician immediately.

Ingestion: Do not induce vomiting and take the victim immediately to the hospital.

**SECTION 5:
FIRE FIGHTING MEASURES**

Extinguishing Media: In case of fire, use any extinguishing agent that is suitable for surrounding fire.

Specific Methods: Use water spray to cool fire-exposed containers to prevent rupture. Implement standard procedures for chemical fires.

Special Protection: Use self-contained breathing apparatus and protective clothing.

**SECTION 6:
ACCIDENTAL RELEASE
MEASURES**

Personal Precaution: Use personal protective equipment.

Environmental Precautions: Do not flush into surface water or sanitary sewer system.

Methods for Cleaning-up:
Large quantity: remove product immediately and store in suitable drums.
Small quantity: adsorb onto earth or sand and remove to a safe place.

**SECTION 7:
HANDLING AND STORAGE**

Handling: Provide sufficient air exchange and exhaust in workrooms. Do not inhale vapour and avoid contact with skin and eyes.

Storage: Store containers in clean, cool ventilated areas and protect them from damage or breakage. Keep away from direct sunlight.

Packaging Materials: Metal Container

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SECTION 8:
 EXPOSURE CONTROLS /
 PERSONAL PROTECTION

Engineering Measures: Ventilate at floor level.
Hygiene Measures: Emergency showers and eyewash fountains should be available.
Hand Protection: Rubber gloves.
Eye Protection: Face shield
Skin and Body Protection: Protective clothing and equipment.

SECTION 9:
 PHYSICAL AND CHEMICAL
 PROPERTIES

Physical Appearance: Liquid
Colour: Colourless
Odour: Characteristic
Density (Water = 1): 0.95 – 0.97 at 60 °C
Flash Point: 79 °C
Viscosity: 1 – 4 centistokes

SECTION 10:
 STABILITY AND REACTIVITY

Stability: Stable at normal conditions.
Conditions to Avoid: Heating

SECTION 11:
 TOXICOLOGICAL INFORMATION

Inhalation: High concentrations of vapour may be irritant to the respiratory tract.
Skin Contact: Severe irritation.
Eye Contact : Moderately irritant. Liquid splashes may result in transient eye damage.
Ingestion: Large amounts may produce internal irritation, nausea, vomiting and diarrhea.

SECTION 12:
 ECOLOGICAL INFORMATION

Ecotoxicity: Effects May cause harm to aquatic resources

SECTION 13:
 DISPOSAL CONSIDERATION

Waste from Residues/Unused: Disposal should be in accordance with government regulation. Residues should not be allowed to enter drain, sewers, or watercourses:

Contaminated Packaging: Label the drums and dispose in accordance with government regulations.

SECTION 14:
 TRANSPORT INFORMATION

UN Number	ADR/RID Class Item	IMO/IMDG Class Proper Shipping Name	ICAO/IATA Class Proper Shipping Name

SECTION 15:
 REGULATORY INFORMATION

Classification / EEC Directives

Symbol (s)	Xn	Harmful
R-Phrase (s)	R40	Possible risk of irreversible effects
S-Phrase (s)	S23 S24/25 S36/S37	Do not breathe vapour Avoid contact with skin and eyes Wear suitable protective clothing / gloves

SECTION 16:
 OTHER INFORMATION

Legislation: This MSDS complies with EEC directives 91/155/EEC.
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