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1-PRODUCT IDENTIFICATION

-PRODUCT NAME	Cheng Concrete Countertop Sealer Remover
-CHEMICAL FAMILY	Organic mixture
-CHEMICAL NAME	
-SYNONYMS	
-C.A.S. #	
-CHEMICAL FORMULA	

2-HAZARDOUS INGREDIENTS

Components	%	C.A.S. #	LD/50, species
Oleic acid	50 -60	112-80-1	Oral rats 74000 mg kg ⁻¹

Hazards identification:

Health rating: 0 – none

Flammability rating: 1 – slight

Reactivity rating: 1 – slight

3-PHYSICAL DATA

-PHYSICAL STATE	Liquid
-COLOR	yellow
-ODOR	Peculiar Lard-Like odor
-pH	n. av.
-MELTING POINT	n. av.
-BOILING POINT	200 C.
-VAPOR PRESSURE	n. ap.
-DENSITY	n. av.
-SPECIFIC GRAVITY	n. av.
-SOLUBILITY IN WATER	Insoluble
-VOLATILE BY WEIGHT	< 1 %

4-FIRST AID MEASURES

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

5-FIRE AND EXPLOSION DATA

Flammability of the Product: is combustible at high temperature.

Auto-Ignition Temperature: 300°C (572 °F)

Flash Points: CLOSED CUP: 100°C (212°F).

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat.

Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

6-ACCIDENTAL RELEASE MEASURES**Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit, boots, gloves. Wear appropriate personal protective equipment as specified in section 8 Isolate hazard area. Neutralize with alkaline material (lime, soda ash), then absorb with inert material and place in a chemical waste container.

7-HANDLING AND STORAGE

Personal Protection: Splash goggles. Lab coat. Gloves.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers. Air Sensitive

8-EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a

specialist BEFORE handling this product.

Exposure Limits: Not available.

9-STABILITY AND REACTIVITY DATA

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:

Air and light sensitive. On exposure to air, especially when impure, it oxidizes and acquires a yellow to brown color and rancid odor.

Also incompatible with perchloric acid, and powdered aluminum.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

10-TOXICOLOGICAL INFORMATION

-Routes of Entry: Absorbed through skin. Eye contact.

Toxicity to Animals: Acute oral toxicity (LD50): 10500 mg/kg [Rat].

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: NA

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: Causes skin irritation.

Eyes: May cause eye irritation.

Ingestion: May cause digestive tract irritation. It is expected to be a low hazard for usual industrial handling.

Inhalation: May cause respiratory tract irritation. It is expected to be a low hazard to usual industrial handling.

11-ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

12-DISPOSAL CONSIDERATIONS

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

13-TRANSPORT INFORMATION

-UN NUMBER	None
-DOT CLASSIFICATION	Not regulated
-PACKING GROUP	None
-HAZARDOUS SUBSTANCES REPORTABLE QUANTITY	None
-SPECIAL PROVISIONS FOR TRANSPORT	None
-ADDITIONAL SHIPPING INFORMATION	None
-INTERNATIONAL TRANSPORTATION REGULATIONS	n. av.

14-REGULATORY INFORMATION

-OSHA Hazard Communication Standard	n. av.
-W.H.M.I.S. (Canada)	Not regulated

15-OTHER INFORMATIONS

n. ap.= Not applicable
n. av.= Not available

Prepared by *INTERSTAR* Technical Service

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*INTERSTAR has compiled the information and recommendations contained in this MSDS from sources believed to be reliable and to represent the most reasonable current on the subject when it was prepared. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or provincial laws.
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