ACID DU

MATERIAL SAFETY DATA SHEET

1. Identification of The Substance/Preparation and Of the Company

a) Substance identification	**:** Cement Remover
Trade name	: **ACID DU**
Generic description	: Mixture of inorganic acids and surfactants
CAS Number	: Not Applicable (Intentional Mixture)
Main Component CAS #	: 7647-01-0
b) Company identification	**: Fayfa Chemicals Factory LLC, P.O. Box 6246, Dubai - U.A.E.**
Contact number	: Tel: 04-3472082 Fax: 04 3472042
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2. Hazards Identification

Main hazards : Corrosive

Health Hazard Data

Indigestion	: Harmful effects expected. Consume plenty of water. Seek medical attention
Inhalation	: Inhalation of vapours will cause irritation
Skin contact	: Wash with soap and water. Seek medical attention if irritation develops
Eye contact	: Flush with plenty of water and seek medical attention

3. Composition/Information on Ingredients

Hazardous component(s) : Hazardous – Hydrochloric Acid (27%)

4. First Aid Measures

Inhalation	: No emergency care anticipated
Skin contact	: Wash with soap and water. Seek medical attention if irritation develops
Eye contact	: Flush with water. Seek medical attention.
Indigestion	: Consume plenty of water. Seek medical attention if necessary.

5. Fire - Fighting Measures

Flash Point	: Not Applicable (Aqueous System)
Flammability	: Not Applicable
Suitable extinguishing media	: The detergent will not burn until all water has evaporated. For residual solids use water spray, Carbon di oxide, dry chemical, alcohol – type or universal – type foams applied by manufacturer's recommended techniques.
Special Fire Fighting procedure	: None
Unusual Fire & Explosion hazards	: None

6. Accidental Release Measures

Spillage : Absorb large spillages onto sand or any absorbent material and dispose of in accordance with Local Authority Regulations. Small spillages may be rinsed away.

7. Handling and Storage

Handling	: Take care, as the product contains dilute inorganic acids. See section 8.
Storage	: Storage at ambient temperature in well ventilated covered areas. Keep away from heat and direct sunlight.

8. Personal Protection Equipment

Respiratory Protection	: Use of protective masks recommended
Ventilation	: General (mechanical) room ventilation is Expected to be satisfactory.
Protective gloves	: Wear gloves and other protective clothing
Eye Protection	: Wear googles and other protective equipment
Other protective Equipment	: Use good, acid resistant protective clothing

9. Physical & Chemical Properties

Physical state at 20°C	: Pale Yellow fuming liquid
Odour	: Characteristic
Solubility in H_20 (% weight)	: Soluble in all proportions
pH value	: Highly Acidic
Density (g/cc) @ 20°C	: 1.1 $\pm$ 0.01

10. Stability and Reactivity

Stability and reactivity	: Avoid Alkaline & High temperature
Decomposition	: When water completely evaporates, the residue can burn producing carbon dioxide and traces of carbon monoxide
Incompatible materials	: Bleaching agents, strong alkalis

11. Toxicological Information

Likely Route of Exposure [x] Inhalation [x] Skin contact [x] Ingestion

Health Effects from Likely Route of Exposure

Acute

Ingestion	: Low ingestion hazard in normal use. Consideration an unlikely route of entry in commercial/ industrial environments. Low toxicity. Large doses may result in nausea, vomiting and gastrointestinal irritation.
Eye	: Irritant. Direct contact may produce irritation to the eye causing lacrimation, inflammation, pain and redness. Repeated or prolonged exposure to irritants may produce corneal damage or conjunctivitis.
Skin	: No significant irritation expected from a single short-term exposure itching, redness and rash may occur in susceptible individuals. The material may accentuate pre-existing skin conditions.
Inhalation	: Considered an unlikely route of entry in commercial/ industrial environments. Inhalation hazard is increased at higher temperatures. Acute effects from inhalation of high concentrations of vapour is pulmonary irritation, including coughing with nausea, central nervous system depression -characterized by headache and dizziness, increased reaction time, fatigue and loss of co-ordination.

Chronic

Ingestion	: Repeated ingestion or swallowing large amounts may injure internally.

Skin	: The material may cause skin irritation after prolonged or repeated exposure in susceptible individuals and may produce a contact dermatitis (non -allergic). This form of dermatitis is often characterized by skin redness and swelling epidermis.
Inhalation	: No known applicable information misuse by concentrating / inhaling contents may be injurious to health or lethal
Other Information	: No known applicable information

12. Ecological Information

Ecotoxicity	: Contains component, which is toxic to aquatic organisms, may cause long term adverse effects in aquatic environment
Bioaccumulation	: No bioaccumulation potential.
Environmental Fate and Distribution	: Inherently degradable, slow degradation resultant of limited bio availability, the material degrades rapidly when dissolved in water
Fate and Effects in Waste Water	: No adverse effects on bacteria are predicted.

13: Disposal Considerations

Disposal Method

Single unit	: Empty container (keep separate from other wastes). Rinse container, remove or obliterate labelling before sending to landfill or recycle.
Large Amounts	: Reclaim or dispose of in accordance with local state and federal regulations. Product contains environmentally hazardous component
Special Precaution for Landfill or incineration	: None known

14. Transportation Information

ADG	: Not regulated
INDG	: Not regulated
IATA	: Dangerous Goods

15. Regulatory Information

Safety phrases

S25	: Avoid contact with eyes.
S26	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39	: Wear suitable protective clothing, gloves, and eye/face protection.

16. Other information

The information is given based on our present knowledge and is intended as a general guideline to this production use. It does not constitute the user's own assessment of workplace risk as required by other Health and Safety legislation.

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Date: 25/05/2022