YJ-540
Foaming Caustic Cleaner
SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: YJ-540
Product type: Foaming Caustic Cleaner

Distributor: C.razy Tradig FZE
P. O. Box: 39377, RAK, UAE
Contact Number: +97172046445
email: info@crazy-tradng.com
Website: www.crazy-trading.com

2. COMPOSITION

Potasium Hydroxide

CAS:	1310-58-3
Content:	5-10%
Health Class:	R35
Hazard	Xi

Sodium Hydroxide

CAS:	1313-73-2
Content:	15-30%
Health Class:	R35
Hazard	C

Alkyl Polyglucoside

CAS:	68515-73-1
Content:	1-2%
Health Class:	R38
Hazard:	Xi

3. HAZARDS IDENTIFICATION

GHS Classification:
Causes severe skin burns
Causes serious eye damage

GHS Pictogram:

Hazard Statements :
Causes severe skin burns
Causes serious eye damage

4. FIEST AID MEASURES

In case of eye contact:
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact:
Wash off immediately with plenty of water for at least 15 minutes. No known significant effects or critical hazards.

If swallowed:
Rinse mouth with water. Do not induce vomiting.

If inhaled:
Remove to fresh air. No known significant effects or critical hazards.

Protection of first-aiders:
If potential for exposure exists refer to Section 8 for specific personal protective equipment (PPE).

Notes to physician: Treat symptomatically.

Most important symptoms and effects, both acute and delayed: See Section 11 for more detailed information on health effects and symptoms.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:
None known.

Specific hazards during fire fighting:
Not flammable or combustible.

Hazardous combustion products:
Decomposition products may include the following materials: Carbon oxides

Special protective equipment for fire-fighters:
Waer Self-contained respiratory and personal protective equipment.

Specific extinguishing methods:
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions:
Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up:
Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. HANDLING AND STORAGE

Advice on safe handling:
Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage:
Do not store near acids. Keep out of reach of children. Store containers upright, tightly sealed in original label.

Storage temperature:
20 °C to 50 °C

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering measures:
Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment
Eye protection:
Wear eye protection and/or face protection.

Hand protection:
Protective chemical gloves is needed under normal use conditions.

Skin protection:
Protective clothing is needed under normal use conditions.

Respiratory protection:
Protective equipment is needed under normal use conditions. Usually a breathing mask.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Slightly viscous liquid
Color:	Brown
Odor:	Characteristic
pH:	13-14.5
Melting Point:	Unditermined
Boiling Point:	100^{O}C
Flash Point:	Not Applicable
Self-Igniting:	Not Applicable
Danger of Exploding:	No Explosive Hazard
Solubility:	Completely Water Soluble

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

Experience with human exposure:

Eye contact:	Highly irritating to the eyes.
Skin contact:	Causes severe burns with prolonged exposure.
Ingestion:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Acute toxocity:	No known significant effects or critical hazards..

12. ECOLOGICAL INFORMATION

Surfactants used in the formulation are biodegradable. The product should not cause adverse effects on the environment. None reported.

13. DISPOSAL CONSIDERATIONS

Dispose off in accordance with local authoroties regulations. Rinse out empty containers before disposingby land-fill or incineration.

14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

15. REGULATORY INFORMATION

Product classified as corrosive

Hazard symbol: Flammable

Risk Phrases:
R20 - Harmful by inhalation
R34 - Causes burns
R36 - Irritating to eyes.

Health Class Phrases:
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage