

KEMIX 33



Kimiagaran Emrooz

Chemical Industries.

Material Safety Data Sheet



PRODUCT AND COMPANY IDENTIFICATION

Product Name: KEMIX 33

Product Description: Mixture of Cationic and Nonionic Surfactants

CAS No.: 61790-81-6

Product Formulation: Proprietary

Chemical Family: Surfactants

Manufacturer: Kimiagaran Emrooz Chemical Ind.

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2. COMPOSITION

Chemical Name	Wt.%	CAS No.
Quaternized Fattyamine	60-70	61791-10-4
Fatty Alcohol Ethoxylate	30-40	68002-97-1

3. HAZARDS IDENTIFICATION

Emergency Overview

Color: Brownish

Physical State: Liquid

Odor: mild odor

Use with local exhaust ventilation. Avoid contact with the skin, eyes and clothing. Avoid inhalation of mists or vapors.

4. FIRST AID MEASURES

Eye Contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Skin Contact: Wash skin with plenty of water.

Inhalation: Move person to fresh air; if effects occur, consult a physician.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.



5. FIRE-FIGHTING MEASURES

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

Specific hazards during firefighting: Do not allow run-off from firefighting to enter drains or water courses.

Special protective equipment: In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment.

Steps to be taken if Material is Released or Spilled: Small spills: Absorb with materials such as: Any absorbent material.

Large spills: Contain spilled material if possible. Collect in suitable and properly labeled containers.

7. HANDLING AND STORAGE

Precautionary measures include: use only with adequate ventilation; avoid breathing vapor, mist or gas; avoid contact with eyes, skin and clothing; keep container closed; and wash thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection

Eye/Face Protection: Use safety glasses. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles.

Skin Protection: No precautions other than clean body-covering clothing should be needed.

Hand protection: Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

Engineering Controls

Ventilation: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Color: Brownish

Flash point> 120 °C



Ignition temperature > 150 °C

pH: 5 - 8 at 1 % solution

Melting point/range < -10 °C

Solubility in other solvents: Soluble in ethanol.

Water solubility: completely soluble

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

No information available at this time.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with local environmental control regulations.

14. TRANSPORT INFORMATION

DOT No.: Not Regulated.

UN No.: Not Regulated

15. OTHER INFORMATION

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.