

# KEMIX 50



**Kimiagaran Emrooz**

Chemical Industries.

**Material Safety Data Sheet**



## PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** KEMIX 50

**Product Description:** Mixture of Cationic and Nonionic Surfactants

**Product Formulation:** Proprietary

**Chemical Family:**-Surfactants

**Manufacturer:** Kimiagaran Emrooz Chemical Ind.

Tel: 021-88746565

Fax: 021-88746564

Home Page: [www.kimyagaran.com](http://www.kimyagaran.com)

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## 2. COMPOSITION

Chemical Name	Wt.%	CAS No.
Quaternized Fattyamine	30-40	61791-10-4
Fatty Alcohol Ethoxylate	30-40	68002-97-1
Alkylene Glycol	10-20	57-55-6
Water	10-20	7732-18-5

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## 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.

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## 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.

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## 5. FIRE-FIGHTING MEASURES

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

**Hazards from combustion products:** Do not allow run-off from fire fighting to enter drains or water courses.

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

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## 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.

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## 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.

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## 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.

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## 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

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## 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.

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## 11. TOXICOLOGICAL INFORMATION

No information available at this time.

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## 12. ECOLOGICAL INFORMATION

No information available.

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

**DOT No.:** Not Regulated.

**UN No.:** Not Regulated

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### **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.