



FAMICO TRADING LIMITED

Headquarter: 106 The Crescent, Henleaze, Bristol, BS9 4RT
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BS9 4PN, UK. Tel: +44 117 244 3581 | +44 758 597 3710

www.famico-trading.co.uk

info@famico-trading.co.uk

Material Safety Data Sheet for Linear Alkylbenzene (FM-LAB-501) (C₆H₅)-C_nH_{2n+1}, n=10-13

Identification of substance and manufacturer

CAS Number: 68890-99-3

Know also as: Detergent Alkylate

Physical state under normal conditions and properties: Colorless, odorless, oily liquid

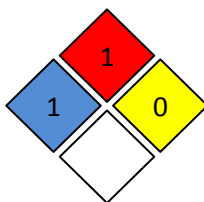
Supplier: Famico Trading Limited

Labeling of packages and packaging:

Health: 1

Flammability: 1

Reactivity: 1



Risk phrases:

R22: "Dangerous if swallowed"

R21: "Dangerous on skin contact"

R36: "Eye irritating"

R38: "Skin irritating"

Safety phrases:

S15: "Keep away from heat"

S24/25: "Avoid contact with skin and eyes"

Transport by road:

This product is not a dangerous good as defined by Canadian Transportation of Dangerous Goods (CTDG) for ground transportation.

Physical and chemical properties:

| | |
|---|-----------------|
| Density at 15.6°C, (gr/cm ³) | 0.8575 – 0.8700 |
| Average molecular weight | 238 – 244 |
| Flash point (°C) | 120 min |
| Auto ignition temperature (°C) | 300 |
| Boiling point (°C) | 210 – 310 |
| Vapor pressure at 170°C, (Kg/m ²) | 0.01 |
| Solubility in water | Insoluble |



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Applications

This product is used primarily for the production of sulfuric acid and detergents.

Special notes and emergency number:

Emergency phone number: Tel: +44 (0) 117 244 3581, (0)117 914 5841, +44 (0) 7585973710

Handling and storage

Container can store in ambient temperature. Loading/unloading can do in ambient temperature.

Dangers and reactivity

Explosive when mixed with oxidizing substances. The material is chemically stable; it is incompatible with strong oxidizers. This material has no dangerous polymerization.

Exposure control, Individual protection

Respiratory: N.I.O.S.H – approved organic vapor air purifying or air supplied equipment depending on concentration.

Eyes: Chemical goggles or face shield.

Hands: Rubber gloves or other similar impervious material can use to prevent repeated contact.

Other clothing and equipment: impervious clothing (boots, slicker suits) as needed can use to prevent prolonged skin contact.

Measures in the course of incidental spillage

Step to be taken if material is released or spilled:

Eliminate all ignition sources (no smoking sparks or flames in immediate area). All equipment used for handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basement or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

Major spill

Dike for ahead of liquid spill for later disposal. Water spray may reduce vapor; but may not prevent ignition in closed spaces. Wastes can be incinerated under controlled conditions or land filled according to official regulations.



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Fire – fighting measures

Decomposition by product: Carbon monoxide (CO), carbon dioxide (CO₂)

Unusual fire and explosion hazard:

Small Fires: Use a dry chemical, CO₂, water spray or AFFF foam.

Large Fires: Use water spray, fog or AFFF foam for extinguish fire. Use water spray or fog; do not use straight streams. Move containers from fire area if you can do it without risk.

Fire involving tanks or car/trailer loads: Fight with fire from maximum distance or use unmanned hose holders or monitor nozzles. Cool containers with flooding quantities of water until well after fire is out.

Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.

Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Self – contained apparatus should wear during fires in confined spaces.

First aid

Eyes: Flush thoroughly with water for at least 20 minutes. Seek medical attention.

Skin: Remove contaminated clothing and wash it before reuse. Flush affected areas with large amounts of water for at least 20 minutes. Wash area with mild soap and water. If irritation occurs, seek medical attention.

Inhalation: Move person to fresh air. If breathing has stopped, administer artificial respiration, oxygen, or cardiopulmonary resuscitation if needed. Seek medical attention.

Ingestion: do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.