

MATERIAL SAFETY DATA SHEET

BAYSOFT K LİG

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

BAY KİM

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For emergency assistance involving chemical call +90 (212) 678 03 64**PRODUCT IDENTIFICATION**

Product Name : BAYSOFT K LİG

Chemical Name : n.a.i

Synonyms : n.a.i.

Chemical Family : Fatty acid polyamide ester

Molecular Formula : n.a.i.

Product Use : Cationic softener with antistatic effect, which is use for all textiles applications.

Read the entire MSDS for the complete hazard evaluation of this product

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Target Organs: eyes, skin, respiratory system

Primary Entry Routes: skin contact/absorption, inhalation of generated dust

Acute Effects

Inhalation: The dust may be discomforting to the upper respiratory tract. Persons with impaired respiratory function, airway diseases, or conditions such as emphysema or chronic bronchitis may incur further disability if excessive concentrations of particulate are inhaled.

Eye: The material is moderately discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva (similar to wind-burn), temporary impairment of vision and/or other transient eye damage/ulceration.

Skin Contact: The material may be mildly discomforting to the skin. Open cuts and abraded or irritated skin should not be exposed to this material. The material may accentuate any pre-existing skin condition.

Ingestion: Considered an unlikely route of entry in commercial/industrial environments. The material is moderately discomforting to the gastrointestinal tract and may be harmful if swallowed in large quantity.

Carcinogenicity: IARC, NTP, ACGIH, and OSHA do not list KATYONİK SIVI as a carcinogen.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS N°	ACGIH TVL	%
Proprietary	-	-	-

4. FIRST AID MEASURES

FIRST AID PROCEDURES

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. **DO NOT USE MOUTH-TO-MOUTH** resuscitation..

Skin Contact: Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Ingestion: **DO NOT INDUCE VOMITING.** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flammability Class (WHIMIS)	: n.a.i.
Flash Point (TCC, Deg. Celsius)	: n.a.i.
Auto-ignition Temperature (Deg. Celsius)	: Not applicable
Flammability Classification	: Liquid which exhibits difficult combustion or is difficult to ignite
Hazardous Combustion Products	: Oxides of carbon and nitrogen.
Unusual Fire or Explosion Hazards	: Avoid generating dust, particularly clouds of dust in a confined or unventilated space, as dust may form an explosive mixture with air and any source of ignition, e.g., flame or spark, will cause fire or explosion.

FIRE FIGHTING INSTRUCTIONS

Instruction to the Fire Fighters: DO NOT release runoff from fire control methods to sewers or waterways.

Fire Fighting Protective Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face-piece operated in pressure-demand or positive-pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Information in this section is for responding to spills, leaks or releases in order to prevent or minimize the adverse effects on persons, property and the environment. There may be specific reporting requirement associated with spills, leaks or releases, which change from region to region. The responsibility of reporting lies directly with the handlers of the substance.

Spill/Leak Procedures: Eliminate all ignition sources. Ventilate area.

Small Spills: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment Section.

Large Spills

Containment: For large spill, dike far ahead of spill for later disposal. Do not release into sewers or waterways

Cleanup: Avoid generating dusty conditions. Provide ventilation.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120)

7. HANDLING AND STORAGE

HANDLING

Handling Precautions: Wash thoroughly after handling. Remove contaminated clothing and before reuse. Use with adequate

ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage Requirements: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Recommendations listed in this section indicate the type of equipment, which will provide protection against overexposure to this product. Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective device at your workplace.

ENGINEERING CONTROLS

Engineering Controls: Observe the normal precaution for handling chemical products.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Eye Protection: Use protective glasses.

Skin Protection: Use adequate clothing.

Respiratory Protection: Use respiratory protection especially when working the product for long periods of time or in badly ventilated places.

Other Personal Protective Equipment: wear an impermeable apron and boots. Take all precautions to avoid personal contact.

COMMENTS: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Appearance and Odor	: Thick, odorless
Boiling Range (Deg. Celsius)	: n.a.i.
Melting/Freezing Point (Deg Celsius)	: n.a.i.
Vapor Pressure (mmHg at 20 °C)	: n.a.i.
Vapor Density	: n.a.i.
Relative Density	: n.a.i.
Bulk Density	: n.a.i.
Viscosity	: n.a.i.
Evaporation Rate (Butyl Acetate = 1.0)	: n.a.i.
Water Solubility	: Dispersible
Volatility (%) by Volume	: n.a.i.
pH	: 4.0 – 5.0
Coefficient of Water/Oil Distribution	: n.a.i.
Volatile Organic Compounds (VOC)	: n.a.i.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY

Under Normal Conditions : Stable

Under Fire Conditions : Not
Hazardous Polymerization : NONE

Condition to Avoid: Oxidizing and reducing agents may destroy color

Materials to Avoid: Incompatible with oxidizing agents, acids.

Decomposition or Combustion Products: Thermal oxidative decomposition of BAYSOFT K LIG can produce hydrogen chloride, chlorine.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

Carcinogenicity Data: n.a.i.

Reproductive Data: n.a.i

Mutagenicity Data: n.a.i.

Teratogenicity Data: n.a.i.

Respiratory toxicity Data (LC-50): n.a.

Skin Sensitization (rabbits): n.a.i.

Oral toxicity (LD50): > n.a.i mg/kg

Eye irritation (rabbits): n.a.i

Synergistic Materials: n.a.i.

Other Studies Relevant to Material: None

12. ECOLOGICAL INFORMATION

Ecotoxicity

Biodegradability: BOD : n.a.i. and COD(or QOD): n.a.i.; toxicity assayed in fish LC50: n.a.i

Environmental Fate: n.a.i.

13. DISPOSAL CONSIDERATIONS

This information applies to the material as manufactured. Processing, use or contamination may make the information inappropriate, inaccurate or incomplete. The responsibility for proper waste disposal lies with the owner of the waste.
Deactivating Chemicals:

Waste Disposal Methods: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, State, and Local Regulations.

Safe Handling of Residues: In accord with the applicable local, provincial and federal regulations.

Disposal of Packaging: Non washables packages should be treated like the product, according to local regulations.

14. TRANSPORTATION INFORMATION

Non dangerous product.

This product is not affected by the U.E. ruling of dangerous goods transportation by road, air or sea.

15. REGULATORY INFORMATION

EPA Regulations:
RCRA 40 CFR: Not listed
CERCLA 40 CFR 302.4: Not listed
SARA 40 CFR 372.65: Not listed
SARA EHS 40 CFR 355: Not listed
TSCA: Not Listed

16. OTHER INFORMATION

ADDITIONAL INFORMATION AND SOURCES USED:

The information contained herein is offered only as guide to the handling of this specific material and has prepared in good faith by technically knowledgeable personal. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and BAY KİM Inc. will not be liable for any damage, losses, injuries or consequential damage which may result from the use of or reliance on any information contained herein. This Material Safety Data Sheet is valid for three years.
n.a.: no applicable n.a.i. not available information