

Safety data sheet in accordance with ISO 11014-1:2009, ANSI Z 400.1-2004 and 2001/58/EC

Trade name: S-LEC K KX-1

Position: 2011/ 1/ 6

Version: 8.00

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1. Identification of the Substance/Preparation and Company

Product Details

Trade Name: S-LEC K KX-1



Supplier Details

Manufacturer's Name: SEKISUI CHEMICAL CO.,LTD.

Division: Speciality Chemicals Division

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Telephone No.: +81-(0)3-5521-0929 (Japan)

Emergency Telephone No.:

+81-(0)748-62-8175 (Japan) CS Technical Section, SEKISUI CHEMICAL CO.,LTD.

+ 1- 248-307-0000 (USA) CS Technical Support, Chemtec (SEKISUI PRODUCTS LLC.)

+49-(0)211-36977-14 (Germany) CS Technical Support, SEKISUI CHEMICAL GmbH.

2. Hazards Identification

Hazards categories: not applicable

Carcinogenicity information: The material is not listed IARC-International Agency for Research on Cancer; NTP-National Toxicology Program; OSHA-Occupational Safety and Health Administration; as cancer causing agent. Not on "z" list either.

3. Composition/Information on Ingredients

Classification as mono-substance or composition: Composition

Chemical characterization:

Substance	CAS No.	EINECS No.	Composition (wt%)
• Acetic acid ethenyl ester,	113476-06-5*	2091833	8.0±2.0
polymer with ethanol,		2035454	
cyclic acetal with benzaldehyde		2028604	
• 2-propanol	67-63-0	2006617	37±5
• Water	7732-18-5	2317912	55±5

Main uses: Binder for paint, ink, ceramics

4. First Aid Measures

After inhalation: Gargle immediately and move into fresh air and keep calm.
In the event of symptoms, take medical treatment.

After contact with skin: Wash with water and a mild cleanser.

After contact with eyes: Flush eyes immediately with plenty of water for at least 15 minutes, without rubbing eyes or eyelids. Seek medical advice in the event of irritation.

After ingestion: Rinse the inside of mouth with water. If possible, drink a large amount of water or salt water to induce vomit

ing.

Get medical help.

5. Fire-Fighting Measures

1. Extinguishing Media:

Water spray, carbon dioxide, dry chemicals, foam

2. Special exposure hazards:

Burning material may emit noxious fumes. Dust may form explosive mixture with air.

3. Special fire-fighting procedures:

Avoid breathing fire vapours.

4. Special protective equipment:

Wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Remove all sources of ignition immediately, clean up with a vacuum cleaner or sweep up without causing dust, wearing appropriate personal protective equipment.

7. Handling and Storage

1. Handling:

Keep out unnecessary exposure, and eye contact.

2. Storage:

Keep in a cool, dry, well-ventilated place.

Not keep under direct sunshine.

8. Exposure Controls/Personal Protection

Concn. of IPA vapor should be under 400ppm.

1. Occupational exposure controls

Respiratory protection: None required under normal operating conditions,
but avoid breathing vapor.

Hand protection : Use impervious protective gloves.

Eye protection : Wear safety glasses or goggles.

Skin protection : Working wear with a long sleeve after handling, wash skin et. al.

2. Environmental exposure controls

Keep well-ventilated.

9. Physical and Chemical Properties

Appearance:

Colour: White

Odour : Slight

Boiling Point: Ca. 82°C

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Flash Point: 23.4°C (Setaflash Closed Tester)
 Melting Point: Not applicable
 Specific Gravity: 0.96
 Vapor Pressure: No data
 Solubility in water: insoluble

10. Stability and Reactivity

Flash point: 23.4°C (Setaflash Closed Tester)

Ignition Temperature: No data

Ignitability: None

Oxidation Reactivity: None

Self reactivity, Explosivity: None (Polymerization will not occur)

Thermal decomposition: From 350 °C (662 °F) in air

Dust explosion: Lower limitation of dust concentration - 0.02 g/l

Other hazards:

Decomposition products
 carbon monoxide, carbon dioxide, methane, n-butylaldehyde, formaldehyde, acetaldehyde, buthanol, methanol, Acrolein, Crotonaldehyde, Acetic acid, butyric acid, valeic acid, Hydrocarbons.

Incompatibility (Material to avoid)
 Strong Oxidizers

11. Toxicological Information

Inhalation, Irritation:
 Practically nontoxic.

However, fumes generated at high temperatures such as decomposed gas or fire processing may cause irritation to the eyes or respiratory organs, and some gases may be toxic.

Acute Toxicity: (polymer) LD₅₀ > 5000 mg/Kg (oral-rat)
 (IPA) LD₅₀ > 5000 mg/Kg (oral-rat)
 (IPA) LD₅₀ > 13000 mg/Kg (skin-rabbit)
 (IPA) LC₅₀ > 19000 ppm/8Hr (inhalation-rat)

Subacute Toxicity: None known

Irritation (skin, eyes): Skin; None-irritating
 Eyes; Irritating as foreign particles

Birth defect: None known

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12. Ecological Information

No data available of decomposability, cumulativity, ichityotoxicity.
Low toxicity, but do not put in ponds, lakes or streams. Do not dispose in normal landfill.

13. Disposal Considerations

Waste disposal:

In accordance with Federal, State/Provincial and Local regulations, incineration is recommended. However, use a complete combustion type incinerator, because incomplete combustion may cause an explosion or can generate gas such as carbon monoxide, aldehydes, etc. (described above).

In case of disposal landfill, it should be an approved chemical landfill where permitted under laws and regulations.

14. Transport Information

Flammable mixture UN NO.1993

Treat the material as a combustible dust.

Avoid water (rain and sea water, etc.) not to damage the bags.

Do not use hooks in order to hang the bags.

Load bags so that they cannot fall.

15. Regulatory Information

U.S. Federal Regulations: TSCA Inventory Status: Listed

Canada: NDSL Inventory Status: Listed

Korea:ECL Inventory Status: Listed

16. Other Information

For other information, contact

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This MSDS is based on our present state of knowledge, and presented as reference information for safety use.

It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.