Epigentek Group Inc
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MSDS Information for:
Cat# P-3023

EpiQuik™ Global Di-Methyl Histone H3-K4 Quantification Kit (Fluorometric)

A Material Safety Data Sheet (MSDS) for the product as a whole is not required, as it is a kit consisting of individual components.

The following components are defined as hazardous (See MSDS page).

F4 (Fluoro Developer)*

The following components are defined as non-hazardous and do not require MSDS. The products do not contain any hazardous components above 1% or any carcinogens above 0.1% as defined in 29 CFR 1910. 1200, the OSHA Hazard Communication Standard.

F1 (10X Wash Buffer)	10 ml	20 ml
F2 (Antibody Buffer)	6 ml	12 ml
F3 (Detection Antibody, 1 mg/ml)*	5 µl	10 µl
F5 (Fluoro Enhancer)*	12 µl	24 µl
F6 (Fluoro Dilution)	4 ml	8 ml
Standard Control (100 µg/ml)*	10 µl	20 µl
8-Well Sample Strips (with frame)	4	9
8-Well Standard Control Strips	2	3
User Guide	1	1

Material Safety Data Sheet

Section 1. Identification

Product Name *EpiQuik™* Global Di-Methyl Histone H3-K4 Quantification Kit (Fluorometric)

Product No. P-3023

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In Case of Emergency 631-755-0888

Section 2. Composition, Information on Ingredients

Ingredient Name

F4(Fluoro Developer)*
Cas# 67-68-5

Section 3. Hazards Identification

Hazards May be harmful by inhalation, ingestion or skin absorption.
Vapor or mist is irritating to the eyes, mucous membranes and upper respiratory tract. Causes skin irritation. May cause allergic respiratory and skin reactions.

Chronic Effects Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Section 4. First Aid Measures

If ingested, wash out mouth with water. Call a physician. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes, assure adequate flushing by separating the eyelids with fingers.

Section 5. Fire Fight Measures

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Extinguishing Media	Water spray, carbon dioxide, dry chemical powder, polymer foam
Autoignition Temperature:	Not applicable
Flash Point	Not available
Explosion Limits	Not available

Section 6. Accident Release Measures

General Information Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb onto vermiculite and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7. Handling and Storage

Handling Wear appropriate NIOSH/MSHHA approved respirator, chemical resistant gloves, safety goggles and other protective clothing. Mechanical Exhaust required.
Storage Store in a cool, dry place. Store in a tightly closed container

Section 8. Exposure Control and Personal Protection

Engineering Controls Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits

Eye	Wear safety glasses and chemical goggles if splashing is possible
Skin	Wear appropriate protective gloves to prevent skin exposure
Clothing	Wear appropriate protective clothing to minimize contact with skin
Respirators	Following the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Appearance	Clear faint yellow
Odor	distinct garlic
pH	Not determined
Vapor Pressure	0.42 mmhg
Viscosity	0.002 pas
Vapor Density	2.7g/L
Boiling Point	189˚C
Freeze/Melting Point	Not applicable
Specific Gravity/Density	1.1

Section 10. Stability and Reactivity

Chemical Stability	Stable under normal handing procedures.
Incompatibilities	Acid chlorides, phosphorous halides, strong acids, strong oxidizing agents and strong reducing agents
Decomposition Products	Toxic fumes of: carbon dioxide, nitrogen oxides and sulfur oxides
Hazardous Polymerization	Has not been reported.

Section 11. Toxicological Information

RTECS#	PV6210000
LD50/LC50	Oral, rat: LD50 = 14500 mg/kg
Carcinogenicity	Not listed by OSHA, ACGIH, IARC, NTP

Section 12. Ecological Information

No information available

Section 13. Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations

Section 14. Transport Information

No information available

Section 15. Regulatory Information

US FEDERAL	listed on the TSCA inventory.
Hazard Symbols:	Xi

Section 16. Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.