MATERIAL SAFETY DATA SHEET

JT EATON K.I.O.® SYSTEM™

JT EATON™
1393 East Highland Road
Twinsburg, OH 44087 • U.S.A.

SECTION 1 • IDENTIFICATION

IDENTITY:
JT EATON K.I.O. SYSTEM
EPA Registration No. 56-67
ACTIVE INGREDIENT CHEMICAL NAME: Diatomaceous Earth
CHEMICAL FAMILY: Silica
Manufacturer's Name:
J.T.EATON & CO., INC.
1393 East Highland Road
Twinsburg, Ohio 44087
Prepared by: Bart Baker Date Prepared: June 18, 2012

HMIS Rating:

Health:	1*
Flammability:	0
Reactivity:	0
Personal Protection:	Dust Mask such as 3M 9900 or equivalent. Goggles.

Emergency Telephone Number: **1-800-664-9042**
National Pesticide Telecommunications Network at **1-800-858-7378**
Telephone Number for Information:
9 AM to 5 PM EST - 330-425-7801

SECTION 2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	<-OSHA LIMITS -> PEL	STEL	CEILING	ACGIH TLV	OPTIONAL %
Cristobalite	14464-46-1	N/A	N/A	N/A	N/A	5 mg/m^3
Quartz	14808-60-7	N/A	N/A	N/A	N/A	<1% Total

Other principal, inert components: Amorphous silica, moisture.
Chemical identity, major components: $Si0_2$
Common names: Diatomaceous silica, diatomite, diatomaceous earth.

SECTION 3 • PHYSICAL / CHEMICAL DATA

BOILING POINT: (F): N/A
VAPOR PRESSURE: (mm hg): N/A
VAPOR DENSITY: (AIR = 1): N/A
SOLUBILITY IN H_2O: Negligible
APPEARANCE / ODOR: Fine slightly off-white powder. No odor.

BULK DENSITY: N/A
MELTING POINT: N/A
EVAPORATION RATE (Butyl Acetate = 1): N/A
% VOLATILE: N/A

SECTION 4 • FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used) - N/A
FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A
UNUSUAL FIRE & EXPLOSION HAZARDS: None.

SECTION 5 • REACTIVITY DATA

CHEMICAL STABILITY: Stable.
CONDITIONS TO AVOID: None

INCOMPATIBLE MATERIALS: No incompatibility. (Reacts with hydrofluoric acid; soluble in HF)
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 6 • HEALTH HAZARD DATA

ROUTES OF ENTRY:	INHALATION?	SKIN?	INGESTION?
	YES	NO	NO

HEALTH HAZARDS (ACUTE and CHRONIC): Irritation of upper respiratory tract and lungs my result from accidental or chronic overexposure to the dust of this product as with any other fine powder.

CARCINOGENICITY: The cited IARC monograph lists crystalline silica as showing limited evidence for carcinogenicity to humans. Crystalline silica content in this product is: <1%

NTP?	IARC MONOGRAPH?	OSHA REGULATED?
NO	Vol. 42	YES

Signs and Symptoms of Exposure: Accidental overexposure may result in coughing, wheezing and irritation of upper respiratory tract.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing asthma, bronchitis, emphysema and other lung and respiratory ailments may be aggravated by overexposure to dust.

FIRST AID PROCEDURES:
EYES: Flush with copious amounts of cool, fresh water for 15 minutes. Blow nose, rinse mouth, drink water to clear throat. (Material is non-poisonous.)

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SECTION 7 • PRECAUTIONS FOR SAFE HANDLING

IN CASE MATERIAL IS RELEASED OR SPILLED: Mist lightly with water, sweep up and transfer to a closed container; or vacuum with equipment fitted with an effective filter. Transfer any broken bags to new bags without emptying.

WASTE DISPOSAL METHOD: Bury as non-toxic waste in an approved landfill.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use techniques that minimize generating dust. Wet diatomite can be slippery on a smooth concrete floor. Use caution.

SECTION 8 • CONTROL MEASURES

RESPIRATORY PROTECTION: Dust mask 3M 9900 or equivalent.
VENTILATION:
LOCAL EXHAUST: Recommended
SPECIAL: None required.
MECHANICAL EXHAUST: Mechanical ventilation should be used when handling in enclosed spaces.
PROTECTIVE GLOVES: None required.

EYE PROTECTION: Goggles recommended.

OTHER PROTECTIVE EQUIPMENT: None required.
WORK / HYGIENIC PRACTICES: Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off. Wash hands before taking food.

SECTION 9 • CALIFORNIA ADDENDUM
(PROPOSITION 65) SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

The following specific warnings are hereby given relative to substances that the State of California has identified as carcinogens and/or reproductive hazards under Proposition 65: None

WARNING: None WARNING: None

SECTION 10 • SARA TITLE III HAZARD CATEGORY

For Reporting Under Sections 311 & 312

Immediate - NO Delayed - NO Fire - NO Reactive - NO Sudden Release of Pressure - NO

SARA Title III Category: This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

SECTION 11 • SHIPPING INFORMATION

HAZARD CLASS: NOT D.O.T. Regulated
BILL OF LADING DESCRIPTION: Insect Repellent ITEM 102120 Class 60

Manufacturer makes no warranty, express or implied, other than indicated on Label and MSDS. Customer assumes all risk of use and/or handling of this material when such use and / or handling is contrary to Label and MSDS.

All information contained in this Material Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion the information is, as of the date of this Material Safety Data Sheet, reliable, however, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you and you must make independent determinations of the suitability and completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees. Accordingly, no guarantee expressed or implied is made by J.T. Eaton & Co., Inc. as to the results to be obtained based upon your use of the information nor does J.T. Eaton & Co., Inc. assume any liability arising out of your use of the information.