

# MATERIAL SAFETY DATA SHEET

**JT EATON™**

**JT EATON KILLS BEDBUGS AND CRAWLING  
INSECTS POWDER**

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

## SECTION 1 • IDENTIFICATION

### IDENTITY:

JT EATON KILLS BEDBUGS AND CRAWLING INSECTS POWDER

EPA Registration No. **56-67**

GENERIC NAME: Natural Diatomaceous Earth

CHEMICAL FAMILY: Amorphous Silica

Manufacturer's Name:

J.T. EATON & CO., INC.

1393 East Highland Road

Twinsburg, Ohio 44087

Prepared by: Bart Baker Date Prepared: July 01, 2009

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

\*Chronic Effects

Emergency Telephone Number: **1-800-664-9042** or

National Pesticide Telecommunications Network at **1-800-858-7378**

Telephone Number for Information:

9 AM to 5 PM EST - 330-425-7801

## SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	%	PEL and TLV (except as noted)
Natural Diatomaceous Earth (DE) - Amorphous Silica	61790-53-2	100	DIATOMACEOUS EARTH (UNCALCINED) 6 mg/M <sup>3</sup> TOTAL DUST, MSHA 10 mg/M <sup>3</sup> TOTAL DUST, ACGIH

Common names: Diatomaceous silica, diatomite,  
diatomaceous earth.

## SECTION 3 • HAZARD IDENTIFICATION

**SUMMARY:** Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause CHRONIC pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. This product has not been classified as a carcinogen by NTP or IARC.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma.

TARGET ORGANS(S): Lungs, eyes.

**ACUTE HEALTH EFFECTS:** Transitory upper respiratory or eye irritation.

**CHRONIC HEALTH EFFECTS:** Prolonged and repeated exposures to excessive concentrations of product dust, in excess of the PEL/TLV, can cause chronic pulmonary disease.

**PRIMARY ENTRY ROUTES:** Inhalation, dust contact with eyes.

**INHALATION:** Irritation and soreness in throat and nose. In extreme exposures some congestion may occur.

**EYES:** Temporary irritation or inflammation.

**SKIN CONTACT:** N/A

**SKIN ABSORPTION:** N/A

**INGESTION:** Not hazardous when ingested.

## SECTION 4 • FIRST AID MEASURES

**INHALATION:** Remove to fresh air, Drink water to clear throat and blow nose to evacuate dust.

**EYES:** Temporary irritation or inflammation.

**SKIN CONTACT:** N/A

**SKIN ABSORPTION:** N/A

**INGESTION:** N/A

## SECTION 5 • FIRE FIGHTING MEASURES

FLASH POINT (Method Used) - NONFLAMMABLE

FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: N/A

NFPA Flammable/Combustible Liquid Classification: N/A

AUTO-IGNITION TEMPERATURE: N/A

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

## SECTION 6 • ACCIDENTAL RELEASE MEASURES

PROCEDURES FOR SPILL/LEAK: Vacuum clean dust with equipment fitted with HEPA filter. Use a dust suppressant such as water if sweeping is necessary.

## SECTION 7 • HANDLING AND STORAGE

Minimize dust generation and accumulation. Avoid breathing dust, avoid contact with eyes. Seal broken bags immediately. Continue to follow all MSDS/LABEL warnings when handling empty containers.

## SECTION 8 • EXPOSURE CONTROL / PERSONAL PROTECTION

**EYE PROTECTION:** Eye goggles or safety glasses with sideshields recommended.

**PROTECTIVE GLOVES:** Not normally required.

**RESPIRATORY PROTECTION:** <10X PEL, use an N95 quarter or half mask respirator; <50X PEL, use a full face respirator equipped with N95 filters; <200X PEL, use a powered air purifying respirator (positive pressure) with N95 filters; >200X PEL, use a full face Type C supplied air respirator (continuous flow mode).

**VENTILATION:** Use sufficient natural or mechanical ventilation to keep dust level below PEL.

**OTHER: SPECIAL CONSIDERATION FOR REPAIR, MAINTENANCE OF CONTAMINATED EQUIPMENT:** Insure proper respiratory protection.

## SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** (F): N/A

**VAPOR PRESSURE:** (mm hg): N/A

**SOLUBILITY IN H<sub>2</sub>O:** Negligible

**EVAPORATION RATE** (Butyl Acetate = 1): N/A

**APPEARANCE / ODOR:** Fine, slightly off-white powder. No odor..

**MELTING POINT:** ND

**VAPOR DENSITY:** (AIR = 1): N/A

**SPECIFIC GRAVITY** (water = 1): 2.2

**% VOLATILE BY VOLUME :** NIL

**pH:** 7.5-9.0

## SECTION 10 • STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable.

**CONDITIONS TO AVOID:** None in designed use.

**INCOMPATIBLE MATERIALS:** HYDROFLUORIC ACID

**HAZARDOUS POLYMERIZATION:** Will not occur

## SECTION 11 • TOXICOLOGICAL INFORMATION

**SUMMARY:** Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause CHRONIC pulmonary disease. Dust contact with eyes may cause temporary

scratchiness or redness. This product has not been classified as a carcinogen by NTP or IARC.

## SECTION 12 • ECOLOGICAL INFORMATION

Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

## SECTION 13 • DISPOSAL CONSIDERATIONS

Waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary, consult local agencies as needed. Used material which has become contaminated may have significantly different characteristics based on the contaminant's and should be evaluated accordingly.

## SECTION 14 • TRANSPORTATION INFORMATION

**D.O.T. PROPER SHIPPING NAME:** Earth, Diatomaceous, crude or ground.

**HAZARD CLASS:** D.O.T. Placarding Not Required

**REPORTABLE QUANTITIES:** NOT APPLICABLE

**UN (United Nations), NA (North America) NUMBER:** Not Applicable.

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.

## SECTION 15 • REGULATORY INFORMATION

**OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200:** Material is not considered hazardous, See section 3.

**RCRA:** This material is not defined as hazardous waste per 40 CFR 261.

**TSCA:** This material is listed in the TSCA inventory, and is not otherwise regulated by TSCA Sec. 4, 5, 6 7 or 12.

**CERCLA:** Material is not reportable under CERCLA, local requirements may vary.

**SARA:** 311/312 hazard categories-immediate and delayed health, 313 reportable ingredients- None.

**CANADA:** This product is listed on the DSL.

**CALIFORNIA PROPOSITION 65:** Not applicable.

## SECTION 16 • OTHER INFORMATION

**STORAGE SEGREGATION HAZARD CLASSES:** N/A

**SPECIAL HANDLING /STORAGE:** Repair all broken bags immediately.

**SPECIAL WORKPLACE ENGINEERING CONTROLS:**

Adequate ventilation to keep dust level below PEL.