



SDS NO: SD-0014

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## SAFETY DATA SHEET – MONKEY DUST

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### 1. PRODUCT AND COMPANY INFORMATION

**Chemical Name:** Acetylene Purifying Material  
**Product Name:** MONKEY DUST  
**Product No:** 3-40-0003D  
**Issue Date:** 03/01/2019  
**Distributed by:** Rexarc International Inc.  
35 East Third Street, PO Box 7  
West Alexandria, OH 45381  
937-839-4604

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### 2. HAZARDS IDENTIFICATION

**Emergency Overview:**

**Color and appearance:** Yellowish green to gold; if left exposed to air, reddish brown

**Solubility in water:** Approximately 70%

**WARNING! Harmful if swallowed. May cause irritation to eyes, skin and tissue.**

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### 3. COMPOSITION INFORMATION

Hazardous Mixtures	Percent
Diatomaceous Earth – Contains approx. 35% crystalline silica (Cristobalite)	35.8
Ferrous Chloride, 35% solution in water (Contains small amounts of ferric chloride, copper, acid)	62.7
Copper Sulphate	1.1
Manganese Dioxide	0.3
Mercury Bichloride	0.023

- Percent by weight of total purifying material, due to rounding, may not total 100%
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### 4. FIRST-AID MEASURES

**Emergency and First Aid Procedures:**

For eyes and skin – wash with water 15 to 20 minutes. If irritation develops – see physician. If taken internally, call physician immediately.

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**5. FIRE FIGHTING MEASURES**

**Flash Point:** Non-flammable

**Unusual Fire and Explosion Hazards:** Decomposition may produce mercury vapors. Will sublime

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**6. ACCIDENTAL RELEASE MEASURES**

**Steps to be Taken In Case Material Is Released or Spilled:** Gather in plastic bag and place in steel drum. Do not reuse gathering device (broom).

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**7. HANDLING AND STORAGE**

**Precautions to be Taken in Handling and Storing:** Only store in plastic lined containers.

**Before Using:** Keep sealed in plastic lined container. Do not allow material to become dusty.

**Other Precautions:** See "Training, Operating, and Maintenance Manual Acetylene Plant" published by Rexarc International Inc. for other precautions to use.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Protective Gloves:** Rubber

**Eye Protection:** Safety glasses

**Other Protective Equipment:** Sufficient body clothing to avoid contact

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Color and Appearance:** Yellowish green to gold; if left exposed to air, reddish brown

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**10. STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Heat, avoid drying of material

**Incompatibility (Materials to Avoid):** Avoid contact with metal surfaces

**Hazardous Decomposition Products:** Mercury

**Hazardous Polymerization:** Will not occur



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**11. TOXICOLOGICAL INFORMATION**

**Threshold Limit Value:** LD 50 acute oral (tested on albino rats) 7.4 grams/kilogram of body weight. Calculated by Litchfield-Wilcox Stat > Method

**Effects of Overexposure:** For contact – irritates skin and tissue, harmful if swallowed

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**12. ECOLOGICAL INFORMATION**

N/A

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**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Check with local “Environmental Protection Agency” for approved site and method.

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**14. TRANSPORTATION INFORMATION**

**Monkey Dust:** Not classified as dangerous in the meaning of transport regulations.

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**15. REGULATORY INFORMATION**

N/A

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**16. OTHER INFORMATION**

As of the date of the preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation with respect to such information is intended or given.