



Material Safety Data Sheet

1. Chemical Product & Company Data

Product Name: C.O.C. Crystal Odor Counteractant (Professional and Commercial)	
Manufacturer: Il Rep-Z, Inc. 4660 Elizabeth Street Coraopolis, PA 15108 Telephone: 1-412-264-8340	Supplier:

2. Ingredients

Name	CAS #	UN #	% by volume
Clay	n. av.		40-70
Glass Slag	n. av.		10-30
Fragrance - Aromatics (aldehydes, esters & ketones) and alcohols	n. av.		10-30

Both clays and to a minor extent slags, contain free crystalline silica (CAS # 14808-60-7)

This MSDS pertains to the following "Crystal Odor Counteractants":
Cherry and Citrus

3. Hazards Identification

Emergency Overview
<p>Inhalation - Dust inhalation hazard.</p> <p>Caution- Product contains a natural earth material in which naturally occurring silica in the form of quartz is present. Long-term inhalation of dust containing crystalline silica may cause chronic lung damage (silicosis). Respirable crystalline silica is known to the State of California to cause cancer. IARC (International Agency for Research on Cancer) concludes that there is "sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz".</p> <p>Under conditions of normal use, exposure to respirable crystalline silica in this product is below the OSHA Permissible Exposure Limit and the ACGIH Threshold Limit Value®. To reduce exposure when applying product within confined spaces, use ventilation and NIOSH or MSHA approved respirator.</p>
<p>NOTE: Hazard information is based on the characteristics of the components of this mixture.</p> <p>Inhalation - Exposure to dust containing crystalline silica may cause eye and respiratory irritation.</p> <p>Skin and Eye Contact - Minor irritation of skin or eyes may occur as a result of contact with the fragrance absorbed in this material.</p>

4. First Aid

<p>Ingestion - If patient is conscious give two glasses of water. Do not induce vomiting. Seek medical attention immediately.</p> <p>Inhalation - Remove person to fresh air. Any dust in the throat or nasal passages should clear naturally. Seek medical attention if irritation persists.</p> <p>Eye Contact - Flush eyes with water for 15 minutes. Seek medical attention if irritation develops.</p> <p>Skin Contact - Wash skin with mild soap and water. Seek medical attention if irritation develops.</p>

5. Fire Fighting Measures

Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, under which conditions?	
Flashpoint:	Upper flammable limit % by volume	Lower flammable limit % by volume
Autoignition temperature	Hazardous combustion products	Explosion data
Means of extinction:		

6. Accidental Release Measures

Not applicable to product.

7. Handling & Storage

<p>Methods of application for this product are designed to minimize or eliminate contact with the product. Exposure to respirable dust is not expected during the normal handling or application of this product. Should contact with the product be necessary the use of gloves to handle the product is recommended. Minimize physical handling of the product in order to eliminate the generation of dust. If dusty conditions are encountered the use of respiratory protection is recommended.</p>
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8. Exposure Controls & Personal Protection

Personal Protective Equipment				
Gloves Natural Rubber	Respirator NIOSH TC-23C for organic vapors + HEPA filter		Eye Goggles or full face respirator	
Footwear n. ap.	Clothing Coveralls or equivalent		Other n. ap.	
Exposure Guidelines				
none established for product				
	OSHA		ACGIH	
	TWA	STEL	TWA	STEL
Silica	0.1 mg/m ³		0.1 mg/m ³	

9. Physical and Chemical Properties

Physical state Solid	Odor and appearance Black and beige granules, sweet fruit odor	
Odor threshold (ppm) n. av.	Vapor pressure (mm Hg) n. av.	Vapor density (Air=1) n. av.
Evaporation (butyl acetate = 1) n. ap.	Boiling point n. av.	Freezing point n. av.
pH n. ap.	Specific gravity ~ 2.5	Coefficient water/oil distribution n. av.
Solubility in water 0%	Viscosity n. av.	% Volatiles (by weight) n. av.

10. Stability and Reactivity

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If no, under which conditions?
Incompatibility with other substances Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, under which conditions?
Reactivity, and under what conditions?	Stable under normal conditions.
Hazardous decomposition products?	n. ap.

11. Toxicological Information

Route of Entry Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>			
None available for product.			
Silica is listed as a probable Human carcinogen by the International Agency for Research on Cancer (IARC)			
Carcinogenicity* No	Mutagenicity No	Teratogenicity No	Reproductive toxicity No
Synergistic products No	Sensitization No	Neurotoxicity No	Target organs Respiratory system

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12. Ecological Information

n. ap.

13. Disposal Considerations

Dispose of product in a solid waste landfill site.

14. Transport Information

Shipping Name: NOT REGULATED

Hazard Class:

UN Identification #:

15. Regulatory Information

This material safety data sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Hazardous Products Act (Can.) and the Controlled Products Regulations (Can.) This product has been classified in accordance with the hazard criteria of the CPR (Can.) and the MSDS contains all the information required by the CPR (Can.).

This product contains an ingredient which is classified as a **carcinogen** under 29 CFR 1910.1200 Controlled Products Regulations (Can.) and CA Proposition 65.

WHMIS classification **D2A**

This product is not subject to the reporting requirement of Section 313 of Title III of Superfund Amendments and Reauthorization Act (SARA) 1986 and 40 CFR part 372.

16. Other Information

This product is a commercial deodorizing compound.

For chemical emergency during transportation call INFOTRAC (US) **1-800-535-5053** (INT'L) **1-352-323-3500**

Prepared by: Il Rep-Z, Inc., Coraopolis, PA / Cliff Zlotnik

Phone No: 1-412-264-8340

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Abbreviations:

n. av. = not available

mm Hg = millimeters of Mercury

COC = Cleveland Open Cup

LD = Lethal Dose

n. ap. = not applicable

PMCC = Pensky Martens Closed Cup

TWA = Time Weighted Average

LC = Lethal Concentration

ppm = parts per million

TCC = Tagliabue Closed Cup

STEL = Short Term Exposure Limit

CS = centistokes