



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 St. Coraopolis, PA 15108 Telephone: 1-412-264-8340	Supplier:

2. Hazardous 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)			

3. Hazards Identification

Emergency Overview

Inhalation - Dust inhalation hazard

Caution - contains silica, a probable human carcinogen as listed by IARC (International Agency for Research on Cancer)

Inhalation - Dust inhalation hazard. Long term exposure to respirable silica has caused silicosis, a serious and progressive disease of the lung.

Skin and eye contact - Minor irritation of the skin or eyes may occur as a result of contact with the fragrance absorbed in this material.

4. First Aid

Inhalation - Remove person to fresh air. Any dust in the throat or nasal passages should clear naturally. Seek medical attention if irritation persists

Eye Contact - Flush eyes with water for 15 minutes. Seek medical attention if irritation develops.

Skin contact - Wash skin with mild soap and water. Seek medical attention if irritation develops.

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

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.

8. Exposure Controls & Personal Protection

Personal Protective Equipment			
Gloves natural rubber	Respirator NIOSH TC-23C for organic vapors + HEPA filter	Eye n. ap.	
Footwear n. ap.	Clothing n. ap.	Other n. ap.	
Exposure Guidelines			
* none established for product *			
	OSHA TWA	ACGIH TWA	STEL
Silica	0.1 mg/m3	0.1 mg/m3	

9. Physical & 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 rate (butyl acetate = 1) n. ap.	Boiling point n. ap.	Freezing point n. ap.
pH n. ap.	Specific gravity ~ 2.5	Coefficient water/oil distribution n. ap.
Solubility in water 0 %	Viscosity n. ap.	% Volatiles (by weight) n. av.

10. Stability & 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

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 is classed as a **carcinogen** - 29 CFR 1910.1200 and Controlled Products Regulations (Can.)

WHMIS classification **D2A**

This product is not subject to the reporting requirements 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 used as a commercial deodorizing compound

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

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abbreviations

n. av. = not available n. ap. = not applicable ppm = parts per million mm Hg = millimeters of Mercury
 cs = centistokes PMCC = Pensky Martens Closed Cup TCC = Tagliabue Closed Cup COC = Cleveland Open Cup
 TWA = time weighted average STEL = short term exposure limit LD= lethal dose LC=lethal concentration