



Material Safety Data Sheet

1. Chemical Product & Company Data

Product Name: All Surface Cleaner	
Manufacturer: Il Rep-Z, Inc. 4660 Elizabeth Street Coraopolis, PA 15108 Telephone: 1-412-264-8340	Supplier:

2. Ingredients

Name	CAS #	UN #	% by volume
Sodium Carbonate, Anhydrous	497-19-8		40-70
Disodium Trioxosilicate Pentahydrate	6834-92-0		15-40
Trisodium Hydrogencarbonate	533-96-0		15-40

3. Hazards Identification

Emergency Overview

White granular product Danger - product is a severe skin and eye irritant May cause damage to mucous membranes
Forms caustic solution when mixed with water.

NOTE: Hazard information is based on the characteristics of the components of this mixture.

Ingestion - Causes severe irritation and possible tissue damage to mucous membranes of the mouth, throat, esophagus and stomach.

Inhalation - Exposure to dust irritates the upper respiratory tract. Coughing, sneezing and irritation may result.

Eye Contact - Highly irritating to eye tissue. Tissue damage will result if left untreated.

Skin Contact - Irritating to skin. Will burn skin if left untreated.

4. First Aid

Ingestion - If patient is conscious give two glasses of water. Do not induce vomiting. Seek medical attention immediately.

Inhalation - Remove to fresh air. Administer artificial respiration if not breathing.

Eye Contact - Flush eyes with water for 15 minutes. Seek immediate medical attention.

Skin Contact - Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists.

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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

Sweep up spilled material.
Dispose of in approved containers.
Dilute residue with water.

7. Handling & Storage

Handle with rubber gloves.
Use approved respirator if dust is generated.
Do not store product in aluminum containers as hydrogen gas may be liberated.
Avoid contact with acids.
When mixing add product to water as heat is liberated during reaction. Stir while mixing.

8. Exposure Controls & Personal Protection

Personal Protective Equipment		
Gloves Natural Rubber	Respirator NIOSH TC-21C for dusts and mists or equivalent	Eye Goggles
Footwear n. ap.	Clothing Coveralls or equivalent	Other n. ap.
Exposure Guidelines		
No exposure criteria is listed for this product or its ingredients by OSHA or ACGIH		

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9. Physical and Chemical Properties

Physical state Solid	Odor and appearance White granular material, mild citrus odor	
Odor threshold (ppm) n. ap.	Vapor pressure (mm Hg) n. ap.	Vapor density (Air=1) n. ap.
Evaporation (butyl acetate = 1) n.ap.	Boiling point n. ap.	Freezing point n. ap.
pH n. ap.	Specific gravity ~ 2.4	Coefficient water/oil distribution n. ap.
Solubility in water 25%	Viscosity n. ap.	% Volatiles (by weight) n. ap.

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 checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, under which conditions? Avoid contact with acids.
Reactivity, and under what conditions?	Reacts with acids to release carbon dioxide gas and heat.
Hazardous decomposition products?	Carbon dioxide.

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"/>			
Sodium Carbonate, Anhydrous LD50 (rat, oral) 1470 mg/kg; LD50 (rat, oral) 800 mg/kg; Irritation (rabbit, skin) 250 mg/24 hr.			
Carcinogenicity No	Mutagenicity No	Teratogenicity No	Reproductive toxicity No
Synergistic products No	Sensitization No	Neurotoxicity No	Target organs Eyes and Skin

12. Ecological Information

None available for product.

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13. Disposal Considerations

Not a hazardous waste.
Dispose of solid waste in an approved landfill.
Dilute any residue with water and neutralize with mild acid and flush to sewer.

14. Transport Information

Shipping Name: CORROSIVE SOLIDS, N.O.S.

Hazard Class: 8 (Packing Group III)

UN Identification #: 1759

In quantities of 11 lbs. or less, this product may ship as an ORM-D ground or ORM-D Air Domestic Shipments.

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 **corrosive - 29 CFR 1910.1200 and Controlled Products Regulations (Can.)**

WHMIS classification E

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 used as a commercial cleaner.

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

mm Hg = millimeters of Mercury

COC = Cleveland Open Cup

LD = Lethal Dose

n. ap. = not applicable

PMCC = Pinsky 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