

MATERIAL SAFETY DATA SHEET

C-CLEAN 985 TILE CLEANING GRANULES

HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	F

1. Product And Company Identification

Supplier

C-CURE
13001 SEAL BEACH BLVD.
SEAL BEACH, CA 90740 USA

Company Contact: GEORGE MARCINA
Telephone Number: 562 968 2980 Ext 103
FAX Number: 562 903 2697
E-Mail: georgem@cbpmail.net
Web Site: WWW.C-CURE.COM

Manufacturer

C-CURE
13001 SEAL BEACH BLVD.
SEAL BEACH, CA 90740 USA

Company Contact: GEORGE MARCINA
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Supplier Emergency Contacts & Phone Number

GEORGE MARCINA: 562 968 2980 Ext 103

Manufacturer Emergency Contacts & Phone Number

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Issue Date: 03/22/2006

Product Name: C-CLEAN 985 TILE CLEANING GRANULES

Chemical Name: Sulfamic Acid

CAS Number: 5329-14-6

Chemical Family: Acid

Chemical Formula: H2NSO3H

MSDS Number: 588

Product Code: RM 9224

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
SULFAMIC ACID	5329-14-6	100

EMERGENCY OVERVIEW

DANGER. CORROSIVE. MAYBE FATAL IF SWALLOWED. HARMFUL IF INHALED. CAUSES SEVERE IRRITATION AND BURNS TO EVERY AREA OF CONTACT. MAY CAUSE LUNG DAMAGE. KEEP AWAY FROM CHILDREN!

3. Hazards Identification

Primary Route(s) Of Entry

EYES, SKIN AND NOSE.

Eye Hazards

CORROSIVE. MAY CAUSE BLURRED VISION, REDNESS, PAIN, SEVERE TISSUE BURNS AND EYE DAMAGE.

Skin Hazards

CORROSIVE. WILL CAUSE IRRITATION. MAY CAUSE REDNESS, PAIN, SEVERE BURN CAN OCCUR.

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3. Hazards Identification - Continued

Ingestion Hazards

CORROSIVE. SWALLOWING CAN CAUSE BURNS OF MOUTH, THROAT, STOMACH. MAY LEAD TO DEATH. CAN CAUSE SORE THROAT, VOMITTING, DIARRHEA.

Inhalation Hazards

EXTREMELY DESTRUCTIVE TO TISSUES OF MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. SYMPTOMS MAY INCLUDE BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA, VOMITTING. MAY CAUSE PULMONARY EDEMA, A MEDICAL EMERGENCY. PULMONARY EDEMA MAY BE DELAYED UP TO 48 HRS.

Chronic/Carcinogenicity Effects

NONE KNOWN.

4. First Aid Measures

Eye

IRRIGATE EYES WITH RUNNING WATER FOR 15 MINUTES WHILE LIFTING LOWER AND UPPER EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION IMMEDIATELY.

Skin

IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. WASH WITH SOAP. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE RE-USE. GET MEDICAL HELP IMMEDIATELY.

Ingestion

DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation

REMOVE VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. IF BREATHING IS DIFFICULT, GIVE OXYGEN, GET MEDICAL HELP IMMEDIATELY.

Note To Physician

FOR SEVERE EXPOSURE MONITOR FOR DELAYED ONSET OF PULMONARY EDEMA.

5. Fire Fighting Measures

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Fire And Explosion Hazards

MATERIAL IS NOT A FIRE OR EXPLOSIVE HAZARD BUT DURING FIRE IT MAY RELEASE SO₂/SO₃.

Extinguishing Media

WATER, FOAM, CARBON DIOXIDE AND DRY CHEMICALS.

Fire Fighting Instructions

WATER SOLUTION IS ACIDIC. WEAR FULL PROTECTIVE CLOTHING AND SELF CONTAINED BREATHING APPARATUS.

6. Accidental Release Measures

IN CASE MATERIAL IS RELEASED OR SPILLED, SWEEP UP AND CONTAINERIZE DRY MATERIAL. FLUSH SPILL AREA WITH WATER. WEAR APPROPRIATE PROTECTIVE CLOTHING AND EQUIPMENT. WASH WATER WILL BE ACIDIC.

7. Handling And Storage

No Data Available...

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7. Handling And Storage - Continued

Handling And Storage Precautions

STORE IN TIGHTLY CLOSED CONTAINERS. PROTECT FROM PHYSICAL DAMAGE. STORE IN COOL, DRY, WELL VENTILATED AREA, AWAY FROM HEAT AND MOISTURE.

Work/Hygienic Practices

GOOD HOUSEKEEPING PROCEDURES SHOULD BE FOLLOWED AT ALL TIMES.

8. Exposure Controls/Personal Protection

Eye/Face Protection

SAFETY GOGGLES ARE RECOMMENDED.

Skin Protection

IMPERVIOUS GLOVES SHOULD BE WORN TO PREVENT SKIN CONTACT.

Respiratory Protection

AN APPROVED NIOSH RESPIRATOR IS RECOMMENDED.

Other/General Protection

ADEQUATE LOCAL EXHAUST.
THE USE OF IMPERVIOUS BOOTS AND CLOTHING TO PROTECT THE SKIN FROM CONTACT.

9. Physical And Chemical Properties

Appearance

WHITE CRYSTALS.

Odor

NO ODOR.

Chemical Type: Mixture

Physical State: Solid

Melting Point: 205 °C

Boiling Point: DECOMPOSES °C

Specific Gravity: 2.1

Vapor Density: 3.3

pH Factor: 1.2 At a Concentration Of 1% SOLUTION

Solubility: SOLUBLE

Evaporation Rate: NON-VOLATILE

10. Stability And Reactivity

Stability: STABLE. UNDER ORDINARY CONDITIONS.

Hazardous Polymerization: WILL NOT OCCUR.

Conditions To Avoid (Stability)

WARM, MOIST ENVIRONMENTS.

Incompatible Materials

NITRATE, NITRATES, CHLORITES AND SULFIDES. SOLUTIONS ARE STRONG ACIDS AND WILL REACT VIOLENTLY WITH BASES.

Hazardous Decomposition Products

SULFUR OXIDES.

STABLE UNDER NORMAL CONDITIONS. SOLUTIONS ARE ACIDIC.

11. Toxicological Information

No Data Available...

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12. Ecological Information

No Data Available...

13. Disposal Considerations

DISSOLVE AND NEUTRALIZE WITH SODIUM CARBONATE. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

RCRA Information

NOT CONSIDERED RCRA WASTE

14. Transport Information

Proper Shipping Name

PACKAGES OF LESS THAN 50 KG (110 LB) ARE NOT REGULATED.

Packaging Exceptions

PACKAGES OF LESS THAN 50 KG (110 LBS) ARE NOT REGULATED.

15. Regulatory Information

SARA Hazard Classes

Acute Health Hazard

Ingredient(s) - State Regulations

SULFAMIC ACID

New Jersey - Workplace Hazard

New York City - Hazardous Substance

16. Other Information

NFPA Rating

Health: 3

Fire: 0

Reactivity: 0

HMIS Rating

Health: 3

Fire: 0

Reactivity: 0

Personal Protection: F

Precautionary Label

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Revision/Preparer Information

MSDS Preparer: GEORGE MARCINA

MSDS Preparer Phone Number: (323) 582-0846

This MSDS Supersedes A Previous MSDS Dated: 03/17/2006

Disclaimer

THE INFORMATION PRESENTED HERE IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

C-CURE