
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

ENVIRO CLEAN-S**MSDS ID: 00662**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ENVIRO CLEAN-S
PRODUCT DESCRIPTOR: POWDERED SCALE REMOVER
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
SULFAMIC ACID (5329-14-6)	<90	NONE ESTABLISHED	

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: MAY CAUSE EYE BURNS AND IRRITATES SKIN. DUSTS IRRITATE
RESPIRATORY TRACT.
CHRONIC: SAME AS ACUTE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
NONE KNOWN

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET
MEDICAL ATTENTION.
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE
CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.
INGESTION: GIVE WATER. DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/A	UEL: N/A
UNUSUAL FIRE OR EXPLOSION HAZARDS:		SULFUR DIOXIDE, SULFUR TRIOXIDE, AND AMMONIA GAS MAY BE RELEASED IN FIRE. AQUEOUS SOLUTIONS OF THIS PRODUCT ARE HIGHLY ACIDIC.	
EXTINGUISHING MEDIA:		WATER, CHEMICAL FOAM, CO2, DRY CHEMICAL	
FIRE FIGHTING INSTRUCTIONS:		WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR IN FIRE AREA.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: WEAR PROTECTIVE EQUIPMENT. FOR SMALL SPILLS, SWEEP UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINER. SHOVEL LARGE SPILLS INTO DOT-APPROVED CONTAINER. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOILS.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: KEEP CONTAINER CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: CHEMICAL GOGGLES
PROTECTIVE GLOVES: RUBBER GLOVES
RESPIRATORY PROTECTION: IF DUSTS ARE GENERATED, WEAR A NIOSH-APPROVED RESPIRATOR APPROPRIATE FOR EMISSION LEVELS.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: EYE WASH AND SAFETY SHOWER. LONG-SLEEVED SHIRT AND TROUSERS.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): N/A SPECIFIC GRAVITY: 1.0000
VOLATILE BY VOLUME: N/A SOLUBILITY IN WATER: MOD
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: LIGHT TAN POWDER, MILD ORGANIC ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: CHLORINE, HYPOCHLOROUS ACID, HYPOCHLORITES, CYANIDES, OR SULFIDES.
HAZARDOUS DECOMPOSITION PRODUCTS: SULFUR DIOXIDE, SULFUR TRIOXIDE, NITROGEN, AMMONIA GAS
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: NEUTRALIZE WITH ALKALIES. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:
Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

THIS PRODUCT CONTAINS THESE SARA TITLE III SECTION 313 CHEMICALS AS
INGREDIENTS IN THE FOLLOWING CONCENTRATIONS: SULFURIC ACID CAS
#7664-93-9 AT 3.0%, WHICH IS SARA REPORTABLE.

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

STATE RIGHT-TO-KNOW INFORMATION:

SULFAMIC ACID - CAS #5329-14-6

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE
VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER
OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO
EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS
OF STORAGE, HANDLING AND USE.