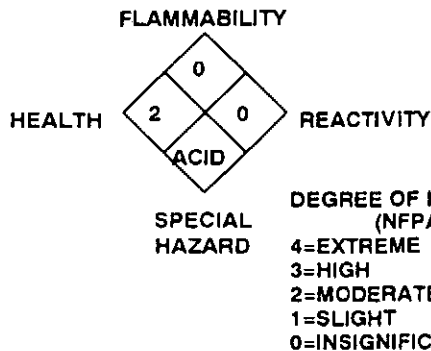


# Material Safety Data Sheet



**BioSentry, Inc.**  
1481 Rock Mountain Blvd.  
Stone Mountain, GA 30083  
Tel.: 404-723-9211

## MSDS: 42200 BIODOLEN ACID & SCALE REMOVER

Page: 1  
Rev. Level:

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PRODUCT IDENTIFICATION

Trade Name: BIODOLEN ACID AND SCALE REMOVER  
Generic Name: ACID CLEANER

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I. PRODUCT INGREDIENTS (HAZARDOUS)

Chemical name	CAS #	Percent	TLV/PEL
PHOSPHORIC ACID *	7664-38-2	50-55	1 MG/M3
HYDROXYACETIC ACID	64-19-7	1-3	NOT ESTABLISHED

\* REPORTABLE UNDER SARA TITLE III SECTION 313

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II. PHYSICAL DATA

Boiling Point	Vapor Pressure	Specific Gravity	Melting Point
>100 C.	NOT KNOWN	1.210	N/A
Water Solubility	Vapor Density	Percent Volatile	Evaporation Rate
COMPLETE	N/A	65	(WATER=1) 1

Appearance and odor:  
CLEAR, RED LIQUID WITH A SLIGHT MUSTY ODOR.

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III. FIRE AND EXPLOSION DATA

Flash Point	Flammable Limit LEL	UEL
>200 C. (T.C.C.)	N/A	---

Extinguishing media:  
WATER, FOAM, DRY CHEMICAL

Special firefighting procedures:  
WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual fire or explosion hazards:  
N/A

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IV. HEALTH HAZARD INFORMATION

HAZARD BY ROUTES OF EXPOSURE (indicate chronic and acute)

Inhalation:  
NOT LIKELY TO OCCUR.

Ingestion:  
ACUTE: MODERATELY TOXIC. / CHRONIC: DAMAGE TO THROAT AND ESOPHAGUS.

Eye:  
ACUTE: EYE IRRITATION. / CHRONIC: POSSIBLE CORNEAL DAMAGE.

Skin contact/absorption:  
ACUTE: IRRITATION. / CHRONIC: NONE EXPECTED.

Signs and symptoms associated with exposure over TLV:  
N/A

Medical conditions which may be aggravated:  
N/A

Any of Part I listed as carcinogens? (NTP, IARC, OSHA)  
NONE

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V. HEALTH HAZARD INFORMATION (continued)

Emergency First Aid Procedures

Inhalation:

NOT LIKELY TO OCCUR.

Ingestion:  
HARMFUL IF SWALLOWED. DRINK LARGE QUANTITIES OF WATER, FOLLOWED BY MILK OF MAGNESIA OR OTHER SUITABLE ANTACID. CALL A PHYSICIAN.

Eye contact:  
FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Skin contact/absorption:  
WASH AFFECTED AREAS WITH COPIOUS AMOUNTS OF WATER. REMOVE AND LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

VI. CONDITIONS FOR SAFE USE (when over TLV)

Respiratory protection:  
NONE REQUIRED UNDER NORMAL USE CONDITIONS.

Eye protection:  
SPLASH GOGGLES OR SAFETY GLASSES.

Protective gloves:  
RUBBER GLOVES

Other protective clothing/equipment:  
NONE REQUIRED UNDER NORMAL USE CONDITIONS.

Ventilation requirements:  
NONE REQUIRED UNDER NORMAL USE CONDITIONS.

VII. REACTIVITY DATA

Is material stable? YES Will hazardous polymerization occur? NO

Incompatibility:  
ALKALI, CONCENTRATED CHLORINATED COMPOUNDS

Conditions to avoid:  
N/A

Hazardous decomposition products:  
CARBON MONOXIDE, CARBON DIOXIDE, PHOSPHOROUS OXIDE.

VIII. SPILL OR LEAK PROCEDURES

Steps to be taken if material is spilled or released:  
ABSORB ONTO INERT MATERIAL AND PLACE IN PLASTIC OR PLASTIC-LINED CONTAINERS FOR PROPER DISPOSAL.

Waste and disposal method:  
TRANSPORT TO AN APPROVED LANDFILL FOR DISPOSAL. FOLLOW ALL LOCAL, STATE AND FEDERAL WASTE DISPOSAL REGULATIONS.

RCRA regulated	RCRA number	CERCLA (superfund) reportable
	N/A	N/A

DOT regulated	DOT proper shipping name	DOT hazard class	DOT number
YES	COMPOUND, CLEANING LIQUID	CORROSIVE	NA 1760

IX. SPECIAL PRECAUTIONS

Special precautions for handling and storage:  
KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other precautions:  
KEEP OUT OF REACH OF CHILDREN.

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