

AMSCO INTERNATIONAL -- 400009-319 SONIC DETERGENT -- 6530-01-339-6927  
===== Product Identification =====

Product ID:400009-319 SONIC DETERGENT

MSDS Date:09/01/1993

FSC:6530

NIIN:01-339-6927

MSDS Number: BZGBX

=== Responsible Party ===

Company Name:AMSCO INTERNATIONAL

Address:1002 LUFKIN RD

City:APEX

State:NC

ZIP:24502-5000

Country:US

Info Phone Num:919-362-0842/814-870-8276

Emergency Phone Num:919

-362-0842/814-870-8276

Preparer's Name:LORI HALLER

CAGE:GO471

=== Contractor Identification ===

Company Name:AMSCO INTERNATIONAL

Address:1002 LUFKIN RD

City:APEX

State:NC

ZIP:24502-5000

Country:US

Phone:919-362-0842

CAGE:GO471

Company Name:AMSCO SCIENTIFIC

Address:1002 LUFKIN RD

Box:City:APEX

State:NC

ZIP:27902

Country:US

Phone:919-362-0842

CAGE:0T1E8

===== Composition/Information on Ingredients =====

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Ingred Name:TETRASODIUM

SALT OF ETHYLENEDIAMINETETRAACETIC ACID, SODIUM  
EDTA, SODIUM (DI) ETHYLENEDIAMINE TETRAACETATE \*95-4\*  
CAS:64-02-8  
RTECS #:AH5075000

Ingred Name:SODIUM POLYACRYLATE  
CAS:68479-09-4

Ingred Name:PROPRIETARY BLEND TSRN 08613600-5035P

Ingred Name:PROPRIETARY BLEND TSRN 08613600-5037P

Ingred Name:SILICATE BINDERS (SODIUM SILICATE) \*95-4\*  
CAS:1344-09-8  
ACGIH TLV:10 MG/CUM

Ingred Name:POTASSIUM SILICATE, POTASSIUM METASILICATE \*96-1\*  
CAS:1312-76-1

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Hazards Identification  
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION. SKIN:  
IRRITATION UPON REPEATED CONTACT. INHALATION: IRRITATION.  
INGESTION: HARMFUL.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION.

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First Aid Measures  
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First Aid:EYES/SKIN: FLUSH W/PLENTY OF WATER FOR 15 MINS. INHALATION:  
REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. INGESTION: DON'T  
INDUCE VOMITING. GIVE MILK/WATER TO DILUTE MATERIAL. OBTAIN MEDICAL  
ATTENTION IN ALL CASES.

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Fire Fighting Measures  
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Flash Point:NONE  
Extinguishing Media:WATER, CO2/FOAM  
Fire Fighting Procedures:WEAR POSITIVE-PRESSURE SCBA.  
Unusual Fire/Explosion Hazard:WILL NOT BURN BUT MAY SPLATTER IF TEMP  
EXCEEDS 212F.

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Accidental Release Measures  
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Spill Release Procedures:CONTAIN & SOAK UP W/INERT ABSORBENT & SCOOP INTO A COVERED CONTAINER FOR DISPOSAL.

===== Exposure Controls/Personal Protection =====

Ventilation:GENERAL LOCAL EXHAUST VENTILATION  
Protective Gloves:RUBBER/NEOPRENE  
Eye Protection:CHEMICAL GOGGLES  
Supplemental Safety and Health  
PRODUCT IS USED W/SONIC ENERGY SYSTEM.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:212F  
Vapor Pres:17  
Vapor Density:0.62

Spec Gravity:1.14  
pH:12  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR LIGHT YELLOW LIQUID W/BLAND ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
ACIDS, STRONG OXIDIZING AGENTS, REDUCING AGENTS & CHLORINE.  
Hazardous Decomposition Products:FIRE: CO, CO2 & NITROUS OXIDES.  
CONTACT W/METALS: HYDROGEN GAS

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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particular situation.