



MATERIAL SAFETY DATA SHEET
BATH DISPOSAL COMPOUND

=====
SECTION I - IDENTIFICATION
=====

TRANSPORTATION EMERGENCY: NFPA HEALTH 2
CHEM-TEL 1-800-255-3924 NFPA FLAMMABILITY 0
INFORMATION: 860-347-2505 NFPA REACTIVITY 1
NFPA PROTECTION X

DU-LITE CORPORATION
171 RIVER ROAD
MIDDLETOWN, CT 06457
PREPARED BY: WALTER J. SMITH
DATE: 10/28/2006

PRODUCT NAMEWASTE WATER TREATMENT COMPOUND
DESCRIPTIONChemical product for neutralizing black oxide alkaline solutions.
DOT CLASS: SULFAMIC ACID, 8, UN2967, PG-III
DOT LABEL - CORROSIVE DOT PLACARD: CORROSIVE

=====
SECTION II - HAZARDOUS INGREDIENTS
=====

HAZARDOUS COMPONENT	CAS NUMBER	TLV (MG/M3)	PEL (MG/M3)	PERCENT
SULFAMIC ACID,	5329-14-6	N/E	N/E	<99

N/E = NOT ESTABLISHED N/A = NOT APPLICABLE

=====
SECTION III - PHYSICAL DATA
=====

BOILING POINT (°F).....Decomposes SPECIFIC GRAVITY (H2O=1)... 2.15 (Est)
VAPOR PRESSURE (mm Hg)....N/A MELTING POINT..... 200-205°C
VAPOR DENSITY (Air=1)....N/A EVAPORATION RATE..... N/A
SOLUBILITY IN H2O.....2.0 Parts PH.....1.18 @ 1% (Est)
APPEARANCE/ODOR.....Odorless, white crystalline

=====
SECTION IV - REACTIVITY DATA
=====

CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID:
In water hydrolyzes to form ammonium sulfate and bisulfate.
INCOMPATIBLE MATERIALS:
Strong oxidizers, nitric acid, chlorine and cyanides.
Solutions are strong acids and react violently with bases.
DECOMPOSITION PRODUCTS:
Thermal decomposition produces oxides of nitrogen, sulfur and ammonia.
HAZARDOUS POLYMERIZATION: Will not occur.

=====
SECTION V - FIRE AND EXPLOSION HAZARD DATA
=====

FLASH POINT.....None FLAMMABLE LIMITS.....N/A
IN CASE OF FIRE: Does not burn.
Forms sulfuric acid in water.
Forms toxic gasses when heated to decomposition.
SPECIAL FIREFIGHTING PROCEDURES:
Wear protective clothing with self-contained breathing apparatus.
UNUSUAL FIRE HAZARDS: None known.

=====
SECTION VI - HEALTH HAZARD DATA
=====

ROUTES OF ENTRY: Eye contact, skin contact, inhalation, ingestion.
HEALTH HAZARDS (ACUTE, CHRONIC):
CARCINOGENICITY: None. NTP?: No. IARC?: No. OSHA REGULATED?: No.
SYMPTOMS OF EXPOSURE: Eye, skin and respiratory tract irritation.
Eye, skin and tissue burns.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/E
FIRST AID:
EYES: Flush well with running water.
Seek medical attention.
SKIN: Wash well with soap and water.
INGESTION: Give plenty of water.
Seek medical attention.
INHALATION: Remove victim to fresh air.

=====
SECTION VII - PRECAUTIONS/PROCEDURES
=====

IN CASE OF SPILL:
Stop leak and contain.
Flush unrecoverable material with water to waste treatment system.
May be neutralized with alkalis.
WASTE DISPOSAL METHOD:
Reduce pH to precipitate resin.
Pump supernatant to waste treatment system.
Dispose of unusable product, precipitated resin and clean-up materials
in accordance with applicable laws and regulations.
PRECAUTIONS:
Wear proper protective clothing when using this product.
Use with adequate ventilation.
OTHER PRECAUTIONS:
Emptied containers of this product may contain hazardous vapors and residue.
Clean thoroughly before reusing or discarding.
Do not use a welding torch to cut container.
Do not use for water or food storage.

=====
SECTION VIII - SPECIAL PROTECTION
=====

RESPIRATORY PROTECTION:
Use approved respirator if fumes or vapors are excessive.
VENTILATION: Maintain below TLC.
MECHANICAL EXHAUST...X
PROTECTIVE GLOVES: Rubber.
LOCAL EXHAUST.....X
EYE PROTECTION: Safety goggles, face shield.
OTHER PROTECTIVE EQUIPMENT... Apron, boots, full cover work clothes.
WORK/HYGIENIC PRACTICES..... Wash thoroughly after handling, launder clothes.

=====
SECTION IX - SARA TITLE III INFORMATION
=====

HAZARDOUS COMPONENT	CERCLA RQ LBS.	SECT 302 TPQ LBS.	SECT 313 TOXIC	SECT 311/312 HAZARDS
SULFAMIC ACID	NONE	N/A	NO	A

A=IMMEDIATE (ACUTE HEALTH HAZARD B=DELAYED (CHRONIC) HEALTH HAZARD
C=FIRE HAZARD D= SUDDEN RELEASE OF PRESSURE HAZARD E=REACTIVE HAZARD