



MATERIAL SAFETY DATA SHEET
3-0 ACTIVATOR

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SECTION I - IDENTIFICATION
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TRANSPORTATION EMERGENCY: NFPA PROTECTION X
CHEM-TEL 1-800-255-3924 NFPA HEALTH 1
INFORMATION: 860-347-2505 NFPA FLAMMABILITY 0
DU-LITE CORPORATION NFPA REACTIVITY 1
171 RIVER ROAD PREPARED BY: WALTER J. SMITH
MIDDLETOWN, CT 06457 DATE: 1/29/2006

NAME**3-0 ACTIVATOR**
DESCRIPTIONChemical product for surface activation of
stainless steels and alloys.
DOT CLASS: NONE (NOT REGULATED AS A SOLID)
DOT LABEL - NONE

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SECTION II - HAZARDOUS INGREDIENTS
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HAZARDOUS COMPONENT	CAS NUMBER	TLV (MG/M3)	PEL (MG/M3)	PERCENT
SODIUM BISULFATE, MONOSODIUM SALT	7681-38-1	N/E RECOMMENDED	2.5 N/A	<95

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

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SECTION III - PHYSICAL DATA
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BOILING POINT (°F).....N/A SPECIFIC GRAVITY (H2O=1)... 1.33 (Est.)
VAPOR PRESSURE (mm Hg)....N/A MELTING POINT..... 338°F
VAPOR DENSITY (Air=1)....N/E EVAPORATION RATE..... N/A
SOLUBILITY IN H2O.....Complete PH.....1.4 @ 1% (Est.)
APPEARANCE/ODOR.....Odorless, off-white granular material

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SECTION IV - REACTIVITY DATA
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CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID:
Forms sulfuric acid in solution with water.
INCOMPATIBLE MATERIALS:
Sulfides, cyanides, carbides and alkali materials.
DECOMPOSITION PRODUCTS:
Decomposes above 572°F, forming toxic sulfur oxide gasses.
HAZARDOUS POLYMERIZATION: None known.

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SECTION V - FIRE AND EXPLOSION HAZARD DATA
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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

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ROUTES OF ENTRY: Eye contact, skin contact, inhalation, ingestion.
HEALTH HAZARDS (ACUTE, CHRONIC):
Minimize all exposure due to ammonia content.
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 water and induce vomiting.
Seek medical attention.
INHALATION: Remove victim to fresh air.
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SECTION VII - PRECAUTIONS/PROCEDURES

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IN CASE OF SPILL: Stop leak and contain.
Flush unrecoverable material with water to waste treatment system.
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.
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SECTION VIII - SPECIAL PROTECTION

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RESPIRATORY PROTECTION: Use approved respirator if fumes or vapors are excessive.
MECHANICAL EXHAUST...X
VENTILATION: Maintain below TLC.
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.
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SECTION IX - SARA TITLE III INFORMATION

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HAZARDOUS COMPONENT	CERCLA RQ LBS.	SECT 302 TPQ LBS.	SECT 313 TOXIC	SECT 311/312 HAZARDS
SODIUM BISULFATE	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