



SAF-ACID DESCALING COMPOUND

MSDS Number

BYFBP

National Stock Number

6850-01-059-9964

Product Name

SAF-ACID DESCALING COMPOUND

Manufacturer

DREW CHEMICAL CORP

Product Identification

Product ID: SAF-ACID DESCALING COMPOUND

MSDS Date: 02/10/1995

FSC: 6850

NIIN: 01-059-9964

MSDS Number: BYFBP

Responsible Party

DREW CHEMICAL CORP

ONE DREW PLAZA

BOONTON , NJ 07005

US

Emergency Phone: 800-274-5263

Info Phone: 201-263-7600

Cage: 52454

Contractor

DREW CHEMICAL CORP, DIV OF ASHLAND CHEMICAL CO

BOONTON, NJ 07005

US

606-324-1133

Cage: 52454

Ingredients

SULFAMIC ACID

CAS: 5329-14-6

RTECS: W05950000

OSHA PELN/K

ACGIH TLV: N/K

INHIBITORS; (INHIBITOR COMPOSITION)

OSHA PELN/K

ACGIH TLV: N/K

MAGNESIUM OXIDE

CAS: 1309-48-4

RTECS: OM3850000



OSHA PEL15 MG/M3 PARTICULATE

ACGIH TLV: 10 MG/M3; FUME

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:EXPOS CAUSES IRREVERSIBLE DMG.

SYMPS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, CORNEAL DMG

& BLINDNESS. SKIN:EXPOS CAUSES IRREVERSIBLE DMG. SYMPS MAY INCLUDE

REDNESS, SWELLING, BURNS, & S EV DMG. PRE-EXISTING SKIN DISORDERS

MAYBE AGGRAVATED BY EXPOS TO MATL. INHAL:EXPOS TO DUST IS POSS.

(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZS:EXPOS MAY BE HARMFUL/FATAL. SYMPS MAY

INCLUDE SEV IRRIT & BURNS TO NOSE, THROAT & RESP TRACT.

PRE-EXISTING LUNG DISORDERS (E.G. ASTHMA-LIKE CNDTNS) MAY BE

AGGRAVATED BY EXPOS TO MATL. INGEST :MAY BE HARMFUL/FATAL. SYMPS

MAY INCLUDE SEV IRRIT & BURNS OF MOUTH, THROAT & DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN & LUNG DISORDERS

(E.G. ASHTMA-LIKE CONDITIONS) MAY BE AGGRAVATED BY EXPOSURE TO THIS

MATERIAL.

First Aid

First Aid:SKIN:IMMED FLUSH W/WATER FOR @ LST 15 MIN WHILE REMOVING

CONTAM CLTHG & SHOES. SEEK IMMED MED ATTN. WASH CLTHG BEFORE REUSE

& DECONTAM/DISCARD CONTAM SHOES. EYES:IMMED FLUSH GENTLY W/WATER

FOR @ LST 1 5 MIN WHILE HOLDING EYELIDS APART. IF SYMPS DEVELOP AS

RSLT OF VAP EXPOS, IMMED MOVE INDIVIDUAL AWAY FROM EXPOS & INTO

FRESH AIR BEFORE FLUSHING AS REC. SEEK IMMED MED ATTN. INGEST:SEEK

IMMED MED ATTN . DO NOT INDUCE VOMIT. VOMIT WILL CAUSE FURTHER DMG

TO MOUTH & THROAT. IF INDIVIDUAL IS CONSCIOUS & ALERT, IMMED RINSE

MOUTH W/WATER & GIVE MILK/WATER TO DRINK. IF POSS, DO NOT LEAVE

INDIVIDUAL UNATTE NDED. INHAL:IMMED REMOVE TO (SUPDAT)

Fire Fighting

Extinguishing Media:ALCOHOL FOAM/WATER FOG/CARBON DIOXIDE/DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP

. REFER TO CTL MEASURES OF MSDS. WATER MAY BE USED TO EXTING FIRE

BY COOLING, & DILUTING LIQ W/WATER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:SM SPILL:COVER CONTAM SURF W/SODIUM

BICARBONATE/SODA ASH/FLAKED LIME MIX (50-50). MIX & ADD WATER IF

NEC TO FORM SLURRY. SCOOP UP SLURRY & WASH SITE W/SODA ASH SOLN.

PROPER MIXING PROC ARE ESSENTL. TRA INED PERS SHOULD CONDUCT PROC.

UNTRAINED PERS SHOULD BE REMOVED FROM SPILL AREA. LG SPILL:SHOVEL

MATL INTO CNTNRS. THORO SWEEP AREA OF SPILL TO CLEAN UP ANY

RESIDUAL MATERIAL.

Neutralizing Agent:SODIUM BICARBONATE/SODA ASH/FLAKED LIME MIXTURE

(50-50).

Handling

Handling and Storage Precautions:PREVENT SKIN CONTACT.

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN

EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR,

LIQUID AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA

SHEET MUST BE OBSERVED.

Exposure Controls

Respiratory Protection:IF WORKPLACE EXPOS LIM(S) OF PROD/ANY COMPONENT

IS EXCEEDED (SEE INGS), NIOSH/MSHA APPRVD AIR SUPPLIED RESP IS

ADVISED IN ABSENCE OF PROPER ENVIRON CTL. OSHA REGS ALSO PERMIT

OTHER NIOSH/MSHA APPRVD R ESPTS (NEG PRESS TYPE) UNDER SPECIFIED

CNDTNS (SEE YOUR INDUST HYGIENIST). ENGINEERING/ADMIN CTLS SHOULD



BE IMPLEMENTED TO REDUCE EXPOS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENREAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:WEAR RESISTANT GLOVES SUCH AS: POLYVINYL CHLORIDE.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES AND FULL LENGTH FACESHIELD .

Other Protective Equipment:EMERGENCY EYE WASH & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . WEAR IMPERVIOUS CLOTHING AND BOOTS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC: FRESH AIR. SEEK IMMED MED ATTN; KEEP PERSON WARM & QUIET. IF PERSON IS NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN.

Chemical Properties

Appearance and Odor:FREE FLOWING SOLID GREEN POWDER.

Percent Volatiles by Volume:

Stability

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS, STRONG ALKALIES, STRONG OXIDIZING AGENTS, AMINES, WATER, HALOGENATED HYDROCARBONS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY FORM:NITROGEN COMPOUNDS, SULFUR COMPOUNDS, NITROGEN OXIDES, MAGNESIUM OXIDE, CARBON MONOXIDE.

Disposal

Waste Disposal Methods:DISP MUST BE I/A/W FED, STATE & LOC REGS . SM SPILL:FLUSH DOWN DRAIN W/LG AMTS OF WATER IN ACCORD W/APPLIC REGS. LG SPILL:COLLECT & ADD SLOWLY TO LG VOL OF AGITATED SOLN OF SODA ASH & SLAKED LIM E. ADD NEUT SOLN TO EXCESS RUNNING WATER IN ACCORDANCE WITH APPLICABLE REGULATIONS.

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