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M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: 238953  
NAME: DRIERITE, 20-40 MESH, WITHOUT INDICATOR

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 7778-18-9  
MF: CAO4S  
EC NO: 231-900-3

SYNONYMS

ANHYDROUS CALCIUM SULFATE \* CALCIUM SULFATE (ACGIH:OSHA) \* CRYSLBA \*  
DRIERITE \* GIBS \* THIOLITE \*

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

LABEL PRECAUTIONARY STATEMENTS

IRRITANT  
IRRITATING TO EYES AND RESPIRATORY SYSTEM.  
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF  
WATER AND SEEK MEDICAL ADVICE.  
WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.  
CALL A PHYSICIAN.  
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL  
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.  
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS  
AMOUNTS OF WATER.  
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF  
WATER FOR AT LEAST 15 MINUTES.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

WATER SPRAY.  
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO  
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY  
RUBBER GLOVES.  
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.  
AVOID RAISING DUST.  
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -



WEAR SUITABLE PROTECTIVE CLOTHING.  
REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

ACGIH TLV-TWA 10 MG/M3 (E) DTLVS\* TLV/BEI,1999  
EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION  
FEREAC 54,7740,1989  
OSHA PEL (GEN INDU):8H TWA 15 MG/M3, TOTAL DUST  
CFRGR 29,1910.1000,1994  
OSHA PEL (GEN INDU):8H TWA 5 MG/M3, RESPIRABLE FRACTION  
CFRGR 29,1910.1000,1994  
OSHA PEL (CONSTRUC):8H TWA 15 MG/M3, TOTAL DUST  
CFRGR 29,1926.55,1994  
OSHA PEL (CONSTRUC):8H TWA 5 MG/M3, RESPIRABLE FRACTION  
CFRGR 29,1926.55,1994  
OSHA PEL (SHIPYARD):8H TWA 15 MG/M3, TOTAL DUST  
CFRGR 29,1915.1000,1993  
OSHA PEL (SHIPYARD):8H TWA 5 MG/M3, RESPIRABLE FRACTION  
CFRGR 29,1915.1000,1993  
OEL-AUSTRALIA: TWA 10 MG/M3, JAN1993  
OEL-AUSTRIA: MAK 6 MG/M3 (DUST), JAN1999  
OEL-BELGIUM: TWA 10 MG/M3, JAN1993  
OEL-GERMANY: MAK 6 MG/M3 (RESP. DUST), JAN1999  
OEL-UNITED KINGDOM: LTEL 10 MG/M3 (TOTAL DUST), JAN1993  
OEL-UNITED KINGDOM: LTEL 5 MG/M3 (RESP. DUST), JAN1993  
OEL IN ARGENTINA, BULGARIA, COLOMBIA, JORDAN, KOREA CHECK ACGIH TLV;  
OEL IN NEW ZEALAND, SINGAPORE, VIETNAM CHECK ACGIH TLV  
NIOSH REL TO CALCIUM SULFATE, RESPIRABLE FRACTION-AIR:TWA 5 MG/M3  
NIOSH\* DHHS #92-100,1992  
NIOSH REL TO CALCIUM SULFATE, TOTAL DUST-AIR:10H TWA 10 MG/M3  
NIOSH\* DHHS #92-100,1992  
NOHS 1974: HZD 80244; NIS 155; TNF 20643; NOS 105; TNE 243889  
NOES 1983: HZD 80244; NIS 76; TNF 10251; NOS 92; TNE 209809; TFE 25489  
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY  
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JANUARY 2001

SECTION 16. - - - - - OTHER INFORMATION- - - - -  
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