

ZINC NACIONAL, S.A.
MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

SECTION 1

1) PRODUCT NAME: MAXIMO 360 / MAXIMO 361 / MAXIMO 362 - ZINC SULFATE

2) EMERGENCY PHONE NO. : 011 (528) 343-85-60 & (528) 342-97-13 **8) NFPA ACUTE HAZARD RATING:**

3) CHEMICAL NAME: ZINC SULFATE HEALTH: FLAMMABILITY: REACTIVITY:

4) CHEMICAL FAMILY: ZINC COMPOUNDS

1	0	1
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5) CHEMICAL FORMULA: ZnSO₄ - H₂O DEGREE OF HAZARD: 0 = MINIMUM HAZARD
1 = SLIGHT HAZARD
2 = MODERATE HAZARD
3 = SERIOUS HAZARD
4 = SEVERE HAZARD

6) MANUFACTURER'S NAME: ZINC NACIONAL, S.A.

7) MANUFACTURER'S ADDRESS: SERAFIN PEÑA #938 SUR
MONTERREY, N.L.
MEXICO, 64000 **9) DATE PREPARED** JANUARY, 2002

CHEMICAL COMPOSITION

SECTION 2

INGREDIENT	CHEMICAL NAME	CAS NO.	PERCENT
ZINC SULFATE	ZINC SULFATE	7446-19-7	99.00
LEAD		7439-92-1	0.01
CADMIUM		7440-43-9	0.01

LEAD AND CADMIUM ARE INHERENT IN THE MANUFACTURE OF ZINC SULFATE AND ARE NOT PHYSICALLY ADDED IN ITS MANUFACTURE.

HAZARDOUS INGREDIENTS AND IDENTITY INFORMATION

SECTION 3

MATERIAL	FORM	EXPOSURE CRITERIAS			
		OSHA	NIOSH		ACGIH
		PEL	REL	CEL	TLV
ZINC SULFATE	TOTAL DUST RESPIRABLE FRACTION	mg/m ³ 15 5	mg/m ³ 10 -----	mg/m ³ ----- -----	mg/m ³ 10 -----

PHYSICAL DATA

SECTION 4

1) APPEARANCE / ODOR: WHITE, ODORLESS POWDER **8) VAPOR PRESSURE (mm/Hg):** 44.4 °C

2) PHYSICAL STATE: SOLID **9) VAPOR DENSITY (AIR=1):** N/A

3) BOILING POINT: N/A **10) EVAPORATION RATE:** N/A

4) MELTING / FREEZING POINT: N/A **11) PERCENT VOLATILES:** N/A

5) SPECIFIC GRAVITY (WATER=1): 3.540 (20°C / 4°C)

6) pH (RECOMMENDED DISSOLUTIONS): 5.50

7) SOLUBILITY IN WATER: GR./100 GR. WATER AT 45 (20°C)

FIRE AND EXPLOSION HAZARD DATA

SECTION 5

FLASH POINT: NOT COMBUSTIBLE

EXTINGUISHING MEDIA: FOAM, WATER, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: POISONOUS GASES ARE PRODUCED IN FIRE. WEAR FULL PROTECTIVE CLOTHING, SELF-CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE-DEMAND MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

