

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: L2973

This MSDS should be attached or kept with the respective product with which it is associated.

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SECTION 1. IDENTITY OF MATERIAL

PRODUCT NAME OF NUMBER: 679-26, REAGENT M

SYNONYMS:
DPD: BARIUM SULFATE

FORMULA: BaSo4

CAS NUMBER:

CHEMICAL FAMILY: INORGANIC SALT

REGULATED IDENTIFICATION:

DOT PROPER SHIPPING NAME: NR

SHIPPING ID NUMBER: NA

UN:

EPA HAZARDOUS WASTE ID NUMBER:

Table with 5 columns: HAZARDOUS INGREDIENTS, %, TLV, CAS NO., TXDS. Row 1: BARIUM SULFATE, 96, 0.5 MG/M3 AS B

SECTION 2. HAZARD SPECIFICATIONS

KNOWN HAZARDS UNDER 29 CFR 1910.1200:

YES NO

- COMBUSTIBLE
FLAMMABLE MATERIAL
PYROPHORIC MATERIAL
EXPLOSIVE MATERIAL
UNSTABLE MATERIAL
WATER REACTIVE MATERIAL
OXIDIZER
ORGANIC PEROXIDE
CORROSIVE MATERIAL
COMPRESSED GAS
IRRITANT
SKIN HAZARD
EYE HAZARD
TOXIC AGENT
HIGHLY TOXIC AGENT
SENSITIZER
CARCINOGEN
REPRODUCTIVE TOXIN
BLOOD TOXIN
NERVOUS SYSTEM TOXIN
LUNG TOXIN
LIVER TOXIN
KIDNEY TOXIN

TLV:
MG/M2
PPM

PEL:
MG/M2
PPM

NFPA HAZARD SIGNAL:
HEALTH
FLAMMABILITY
STABILITY
SPECIAL

DOT HAZARD CLASS: NR

EPA HAZARD WASTE CLASS:

SECTION 3. SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES:
EYES: COVERALL GOGGLES
RESPIRATORY:

GLOVES: PLASTIC GLOVES
OTHER: IMPERVIOUS APRON

VENTILATION:
GENERAL MECHANICAL: ACCEPTABLE
LOCAL EXHAUST: PREFERABLE

PRECAUTIONS:

HANDLING & STORAGE:
KEEP CONTAINER TIGHTLY CLOSE; PROTECT AGAINST ACIDS, ALKALIES & AMMONIA.

OTHER: AVOID INHALING POWDER.

SECTION 4. EMERGENCY RESPONSE DATA

FIRE:
EXTINGUISHING MEDIA: WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL.
SPECIAL PROCEDURES:
UNUSUAL HAZARD:

SPILLS:
STEPS TO BE TAKEN: COLLECT THE POWDER AND ADD IT TO LAND FILL

RQ:

WASTE DISPOSAL METHOD:
ADD: SAME AS ABOVE

SECTION 5. PHYSICAL HAZARD DATA

FLAMMABILITY:
LFL %:
UFL %:

FLASH POINT:
DEG. F:
DEG. C:
METHOD USED:

STABILITY:
STABLE (X)
UNSTABLE ()

CONDITION TO AVOID:

HAZARDOUS DECOMP. POTS:

HAZARDOUS POLYMERIZATION:
MAY OCCUR ()
WILL NOT OCCUR (X)

CONDITION TO AVOID:

INCOMPATIBILITY:
MATERIALS TO AVOID: AVOID CONTACT WITH ACID AND ALKALIES, AMMONIA.

SECTION 6. HEALTH HAZARD DATA

EFFECT OF EXPOSURE:
AVOID INHALING POWDER; CAN PRODUCT PULMONARY MODULATION WITH OR WITH OUT DECREASE IN LUNG FUNCTION SUCH AS EXERTION, AND NASAL IRRITATION.

ENTRY ROUTE:

INHALE ()
INGEST ()
SKIN ()
EYE ()

EMERGENCY TREATMENT:
IN CASE OF CONTACT, FLUSH EYES WITH PLENTY OF WATER (IF IN EYES FOR AT LEAST 15 MINUTES.) IF INHALED, REMOVE TO FRESH AIR IMMEDIATELY. CALL PHYSICIAN.

SECTION 7. PHYSICAL AND CHEMICAL PROPERTIES

BOILING PT: N/A DEG. F DEG. C

VAPOR DENSITY:

VOLATILE COMPONENTS:

VAPOR PRESS: N/A MMHg

pH: SP. GR. 4.3-4.5

SOLUBILITY IN H2O: PRACTICALLY INSOLUBLE IN WATER

WILL DISSOLVE IN: N/A

EVAPORATION RATE: NEARLY AS WATER

APPEARANCE:

IS MATERIAL:
PASTE ()
POWDER ()
SOLID ()
LIQUID ()
GAS ()

ODOR: HEAVY ODORLESS POWDER

SECTION 8. MANUFACTURER OR SUPPLIER DATA

NAME (PRINT): JOHN ESPOSITO

SIGNATURE:

TITLE: CHEMIST

DATE: 12/2004

EMERGENCY TELEPHONE NO.: 800-424-9300

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