

MATERIAL SAFETY DATA SHEET

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SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: MERCON™ALERT
PRODUCT USE: MERCURY INDICATOR POWDER
PRODUCT MANUFACTURER: ROSS HEALTHCARE
PROVINCE: WA
EMERGENCY TELEPHONE NO.: 1-800-663-8303

PRODUCT IDENTIFICATION NUMBER: 20-MALERT

STREET: PMB 161, 145 Tye Drive CITY: Point Roberts
ZIP CODE: 98281

SECTION 2 - HAZARDOUS INGREDIENTS

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| COMPONENT: | SULFUR | 95% |
| | CAS # 7704-34-9 | |
| COMPONENT: | SILICON DIOXIDE | 4% |
| | CAS #112926-00-8 | |
| COMPONENT: | PROPRIETARY INGREDIENTS | 1% |

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: YELLOWISH TAN TO GRAY POWDER
BOILING POINT: 833 °F
VAPOR PRESSURE: NOT AVAILABLE
pH: 5.9
NFPA RATINGS: HEALTH=2 FIRE=1 REACTIVITY=0

SPECIFIC GRAVITY: (H₂O=1): 2.00
SOLUBILITY: NEGLIGIBLE (<0.1%)
EVAPORATION RATE: (BUTYL ACETATE=1): NA
VAPOUR DENSITY: 8.8

ODOR THRESHOLD: ODORLESS
MELTING POINT: 240 °F

SECTION 4 - FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION: N/A
FLASH POINT: 370 °F
MEANS OF EXTINCTION: USE WATER SPRAY, ALCOHOL FOAM, DRY CHEMICAL, OR CARBON DIOXIDE
FLAMMABLE LIMITS: NOT AVAILABLE
AUTOIGNITION TEMPERATURE: NOT AVAILABLE
HAZARDOUS COMBUSTION PRODUCTS: WHEN HEATED TO DECOMPOSITION TOXIC FUMES OF SULFUR OXIDES ARE FORMED. DUST MAY FORM A FLAMMABLE OR EXPLOSIVE MIXTURE IN THE AIR.

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: STABLE
INCOMPATIBILITIES: AVOID STRONG OXIDIZERS, MOST COMMON METALS, HYDROGEN, CHLORINE, FLUORINE AND ORGANIC MATERIALS AT ELEVATED TEMPERATURES.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: THERMAL DECOMPOSITION PRODUCES TOXIC FUMES OF SULFUR OXIDES.
POLYMERIZATION: HAZARDOUS POLYMERIZATION HAS NOT BEEN REPORTED TO OCCUR.

SECTION 6 - TOXICOLOGICAL PROPERTIES

HEALTH HAZARDS:

NO NTP OR LARC LISTING

EYE: MAY CAUSE IRRITATION
SKIN: MAY CAUSE IRRITATION
INHALATION: MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY SYSTEM.
SIGNS AND SYMPTOMS:
- EYES: REDNESS, TEARING
- SKIN: REDNESS
- INHALATION: DISCOMFORT OF THE NOSE AND THROAT, DRY COUGH

EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES
SKIN CONTACT: WASH WITH PLENTY OF SOAP AND WATER
INHALATION: REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION IMMEDIATELY
INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY; CALL PHYSICIAN OR POISON CONTROL CENTER.

SECTION 7 - PREVENTATIVE MEASURES

GLOVES: YES RESPIRATORY: YES EYE: GLASSES FOOTWEAR: NONE CLOTHING: PPE
ENGINEERING CONTROLS: NONE LEAK AND SPILL PROCEDURE: IF UNUSED MATERIAL IS SPILLED, COLLECT BY SWEEPING, SHOVELLING, OR VACUUMING.

WASTE DISPOSAL: DISPOSAL OF THIS PRODUCT USED OR UNUSED MUST BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS
HANDLING PROCEDURE: WASH THOROUGHLY AFTER HANDLING

STORAGE REQUIREMENTS: STORE IN COOL, DRY, AND WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. AVOID CONTACT WITH MATERIALS MENTIONED IN SECTION 5. KEEP AWAY FROM FLAMMABLE MATERIALS AND SOURCES OF HEAT OR FLAME.

NFPA RATING: HEALTH - 2 FLAMMABILITY - 1 REACTIVITY - 0 SPECIAL - N/A

SECTION 8 - FIRST AID MEASURES

INHALATION: PROVIDE FRESH AIR IMMEDIATELY, IF BREATHING HAS STOPPED GIVE CPR GET MEDICAL ATTENTION.
SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. BRUSH OFF ANY POWDER WITH TOWEL OR SOFT BRUSH. WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATION DEVELOPS OR PERSISTS GET MEDICAL ATTENTION
EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
INGESTION: IMMEDIATE MEDICAL ATTENTION IF INGESTED. CALL PHYSICIAN OR POISON CONTROL CENTER.

SECTION 9 - SHIPPING

GROUND: NOT REGULATED AIR: NON-HAZARDOUS, NOT REGULATED BY IATA

SECTION 10 - PREPARATION OF MSDS

PREPARATION: R&D DEPARTMENT PHONE: 1-800-663-8303 DATE: 1/1/2009