

MATERIAL SAFETY DATA SHEET

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SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: MERCON™SORB

PRODUCT IDENTIFICATION NUMBER: 20-MSORB

PRODUCT USE: MERCURY SOLIDIFYING POWDER

PRODUCT MANUFACTURER: ROSS HEALTHCARE .

STREET: 161-145 TYEE DRIVE

CITY: PT ROBERTS

PROVINCE: WA

POSTAL CODE: 98230

EMERGENCY TELEPHONE NO.: 1-800-663-8303

SECTION 2 - HAZARDOUS INGREDIENTS

COMPONENT: CITRIC ACID
CAS#77-92-9

PERCENT: 6.0

COMPONENT: ZINC METAL, GRANULAR
CAS#7440-66-6

PERCENT : 94.0

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: SILVERY WHITE METALLIC

SPECIFIC GRAVITY: N. AP

BOILING POINT: 1661°C

SOLUBILITY: INSOLUBLE

ODOR THRESHOLD: NOT AVAILABLE

VAPOR PRESSURE: NOT AVAILABLE

EVAPORATION RATE: N. AP

FREEZING POINT: N. AP

pH: NOT AVAILABLE

VAPOUR DENSITY: N. AP

COEFF. WATER/OIL DIST: NOT AVAILABLE

NFPA RATINGS: HEALTH=0 FIRE=1 REACTIVITY=1

SECTION 4 - FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION: N/A

FLASH POINT: N. AP

MEANS OF EXTINGUISHMENT: DRY CHEMICAL, CARBON DIOXIDE OR REGULAR FOAM (DO NOT USE WATER: WATER WILL REACT VIOLENTLY WITH MOLTEN MATERIAL)

UPPER FLAMMABILITY LIMIT (%BY VOLUME): NOT FLAMMABLE

LOWER FLAMMABILITY LIMIT (%BY VOLUME): NOT

AUTOIGNITION TEMPERATURE: NOT AVAILABLE

FLAMMABLE

HAZARDOUS COMBUSTION PRODUCTS: ZINC DUST MIXED WITH SULFUR DUST MAY EXPLODE

SENSITIVITY TO IMPACT: NONE

SENSITIVITY TO STATIC DISCHARGE: MODERATE

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: STABLE

INCOMPATIBILITIES:

AVOID OXIDIZING AGENTS, ACIDS, GASES, HALOGENS, REDUCING AGENTS, AMINES, CHLORINATED SOLVENTS AND SULFUR

HAZARDOUS DECOMPOSITION PRODUCTS: MAY RELEASE CO AND/OR CO2

POLYMERIZATION: HAZARDOUS POLYMERIZATION HAS NOT BEEN REPORTED TO OCCUR UNDER NORMAL TEMPERATURES AND PRESSURES

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY: INHALATION

HEALTH HAZARDS:

ACUTE IRRITATION TO EYES, NOSE, THROAT, METALLIC TASTE IN MOUTH, FLU LIKE SYMPTOMS, CHRONIC CHROMOSOMAL ANOMALIES IN LEUKOCYTES REPORTED, ARTHRITIC LAMESS AND INFLAMMATION OF GASTRO-INTESTINAL TRACT REPORTED IN ANIMAL STUDIES.

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF NOSE, THROAT AND EYES

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

EMERGENCY FIRST AID PROCEDURES - SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT

EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES

SKIN CONTACT: FLUSH WITH PLENTY OF WATER

INHALATION: REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION IMMEDIATELY

INGESTION: DILUTE WITH WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY

SECTION 7 - PREVENTATIVE MEASURES

GLOVES: YES

RESPIRATORY: YES EYE: GLASSES

FOOTWEAR: NONE

CLOTHING: NONE

ENGINEERING CONTROLS: NONE

LEAK AND SPILL PROCEDURE: MOP UP AND FLUSH WITH WATER

WASTE DISPOSAL: MERCURY FREE MATERIALS CAN BE CONTAINERIZED AND DISPOSED OF IN LICENSED LAND FILL

HANDLING PROCEDURE: WASH THOROUGHLY AFTER HANDLING

STORAGE REQUIREMENTS: STORE IN COOL DRY PLACE AWAY FROM

INCOMPATIBLE MATERIALS

NFPA RATING: HEALTH - 0

FLAMMABILITY - 1

REACTIVITY - 1

SPECIAL - N/A

SECTION 8 - FIRST AID MEASURES

INHALATION: PROVIDE FRESH AIR IMMEDIATELY, IF BREATHING HAS STOPPED GIVE CPR GET MEDICAL ATTENTION.

SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. IF RASH PERSISTS GET MEDICAL ATTENTION

EYE CONTACT: FLUSH WITH WATER. GET MEDICAL ATTENTION

INGESTION: DRINK MILK. INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION

SECTION 9 - SHIPPING

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GROUD: NOT REGULATED AS DANGEROUS GOODS AIR: NOT REGULATED BY IATA, NOT REGULATED AS HAZARDOUS

SECTION 10 - PREPARATION OF MSDS

PREPARATION: R&D DEPARTMENT

PHONE: 1-800-663-8303

DATE: 1/1/2009