

MATERIAL SAFETY DATA SHEET

----- CHEMICAL IDENTIFICATION -----

CATALOG #: C4397
NAME: CHLORZOAZONE

----- COMPOSITION/INFORMATION ON INGREDIENTS -----

CAS #: 95-25-0
MF: C7H4CLNO2
EC NO: 202-403-9

SYNONYMS: BIOMIORAN * 5-CHLORBENZOXAZOLIN-2-ON * 5-
CHLOROBENZOKSAZOLON-2(POLISH) * 5-CHLOROBENZOKSAZOLINON-2
(POLISH) * 6-CHLORO-2-BENZOXAZOLINONE * 5-
CLOROBENZOXAZOLIDONE * 5-CHLORO-2-BENZOXAZOLINONE * 5-
CHLOROBENZOXAZOL-2-ONE * 5-CHLORO-3(H)-2-BENZOXAZOLONE *
CHLOROAZONE * CHLORZOAZONE * MIORAN * MIOTRAN
*MYOFLEXINE * NEOFLEX * PARAFLEX * PATHORYSIN * SOLAXIN * USAF
MA-10 *

----- HAZARDS IDENTIFICATION -----

LABEL PRECAUTIONARY STATEMENTS
TOXIC (USA)
HARMFUL (EU)

HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
TARGET ORGAN(S): LIVER, NERVES

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

----- FIRST-AID MEASURES -----

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

----- 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.

----- ACCIDENTAL RELEASE MEASURES-----

WEAR SELF-CONTAINED BREATHING APPARATUS, 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.

----- HANDLING AND STORAGE-----

EXPOSURE CONTROLS/PERSONAL PROTECTION: CHEMICAL SAFETY GOGGLES. RUBBER GLOVES. NIOSH/MSHA-APPROVED RESPIRATOR. SAFETY SHOWER AND EYE BATH. USE ONLY IN A CHEMICAL FUME HOOD. DO NOT BREATHE DUST. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. IRRITANT. TOXIC. KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.

----- PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE AND ODOR WHITE POWDER
PHYSICAL PROPERTIES: MELTING POINT 191 C TO 192 C

-----STABILITY AND REACTIVITY-----

STABILITY: STABLE.

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS. HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS. TOXIC FUMES OF: CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, HYDROGEN CHLORIDE GAS

----- TOXICOLOGICAL INFORMATION -----

ACUTE EFFECTS: HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

TARGET ORGAN(S): LIVER, NERVES, SKELETAL MUSCLE. TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.