

MATERIAL SAFETY DATA SHEET

HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0
OTHER: OXY

MUSCH & LOMB
ANALYTICAL PRODUCTS DIVISION
20 LINDEN AVENUE
ROCHESTER, NY 14625
TELEPHONE: 716-338-8000

EMERGENCY TELEPHONE: CALL YOUR LOCAL
POISON CONTROL CENTER OR THE ROCKY
MOUNTAIN POISON CENTER 303-629-1123
THIS INFORMATION IS ON FILE WITH
POISINDEX.

HAZARDOUS INGREDIENTS

INGREDIENT (CAS#)	%	TLV	UNITS
POTASSIUM CHROMATE (7789-00-6)	<60	0.05 AS CR	MG/M3
AB-O-SIL (SILICON DIOXIDE 7631-86-9)	<5	5 RESPIRABLE DUST	MG/M3

HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LIMIT: 0.5 MG/M3 AS CR
0.8 MG/M3 AS SiO2

EFFECTS OF OVEREXPOSURE:

IRRITATIVE TO THE SKIN; SKIN LESIONS; PERFORATION OF THE NASAL SEPTUM;
SUSPECTED LUNG, PARANASAL SINUS AND NASAL CAVITY CARCINOGEN VIA
INHALATION; A SUSPECTED CARCINOGEN OF THE STOMACH AND LARYNX. EXTREMELY
IRRITATING TO THE EYES.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: REMOVE TO FRESH AIR, CALL A PHYSICIAN
ON SKIN CONTACT: IMMEDIATELY WASH WITH WATER, CALL A PHYSICIAN
ON GASTROINTESTINAL INGESTION: IMMEDIATELY DRINK WATER IF CONSCIOUS, CALL A PHYSICIAN
ON EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, CALL A PHYSICIAN

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): NONE FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: NA
FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS
USUAL FIRE AND EXPLOSION HAZARDS: NONE

ND=NOT DETERMINED NA=NOT APPLICABLE

POTASSIUM DICHROMATE INDICATOR (33-03-30)

PHYSICAL DATA

MELTING POINT (C): NA
VAPOR PRESSURE (MM HG): ND
DENSITY (AIR=1): ND
I: NA
SOLUBILITY: SOLUBLE IN WATER

SPECIFIC GRAVITY (H2O=1): 2.25
PERCENT VOLATILE: 0
EVAPORATION RATE: NA
(=1)

APPEARANCE AND ODOR: YELLOW POWDER

REACTIVITY DATA

STABILITY: STABLE
COMPATIBILITY: ORGANIC MATERIAL
HAZARDOUS DECOMPOSITION PRODUCTS: ND
HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID: ND

SPILL OR LEAK PROCEDURES

SPILL PROCEDURE: VACUUM, MINIMIZE DUST
WASTE DISPOSAL PROCEDURE: AS PER LOCAL, STATE AND FEDERAL REGULATION

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH APPROVED DUST RESPIRATOR
VENTILATION: USE IN A LABORATORY FUME HOOD OR EQUIVALENT
EYE AND FACE PROTECTION: SAFETY GLASSES
PROTECTIVE CLOTHING: RUBBER GLOVES

SPECIAL PRECAUTIONS

HANDLING AND STORAGE: STORE IN A DRY PLACE, AWAY FROM ORGANIC MATERIAL
OTHER PRECAUTIONS: THIS MATERIAL IS A SUSPECTED HUMAN CARCINOGEN

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