

INTERSTAR

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1-PRODUCT INFORMATION

-PRODUCT NAME	CM-612, CM-631
-CHEMICAL FAMILY	Mixture
-CHEMICAL NAME	Mixture
-SYNONYMS	None
-C.A.S. #	n. ap.
-CHEMICAL FORMULA	n. ap.

2-HAZARDOUS INGREDIENTS

Components	%	C.A.S. #	LD50, species
-Chromium (III) Oxide	< 70	1308-38-9	n. av.

3-PHYSICAL DATA

-PHYSICAL STATE	Dry powder
-COLOR	Green
-ODOR	None
-pH	n. av.
-MELTING POINT	n. av.
-BOILING POINT	n. ap.
-VAPOR PRESSURE	n. ap.
-DENSITY	n. av.
-SPECIFIC GRAVITY	n. av.
-SOLUBILITY IN WATER	Insoluble
-VOLATILE BY WEIGHT	< 1 %

4-FIRST AID MEASURES

-EYE CONTACT	Flush eyes with plenty of water, lifting lids periodically for at least 15 minutes. Consult a physician if irritation persists.
-SKIN CONTACT	Wash with soap and water.
-INHALATION	Remove from dusty area to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

-INGESTION Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

5-FIRE AND EXPLOSIVE DATA

-FLASH POINT °F (°C) n. ap.

-FLAMMABLE LIMITS
Lower n.ap.
Upper n. ap.

-EXTINGUISHING MEDIA Inflammable

-SPECIAL PROCEDURES None

-UNUSUAL FIRE AND EXPLOSION HAZARDS Excessive, uncontrolled dusting can cause an explosion in the presence of a source of ignition.

-HAZARDOUS COMBUSTION PRODUCTS n. av.

-N.F.P.A. RATINGS Health: 2, Fire: 0, Reactivity: 1, Special Hazard: -

6-ACCIDENTAL RELEASE MEASURES

-CLEAN UP PROCEDURE Common house keeping, vacuum or scoop material into a container for reclamation or disposal.

-EVACUATION PROCEDURES None special

-SPECIAL INSTRUCTION None

7-HANDLING AND STORAGE

Appropriate ventilation should be provided to keep dust concentrations below acceptable exposure limits. Store in a cool, dry, well-ventilated area.

8-EXPOSURE CONTROLS/PERSONAL PROTECTION

-ENGINEERING CONTROLS Local exhaust ventilation

-EYE/FACE Safety glasses

-RESPIRATORY NIOSH approved dust respirator when required for dust.

-VENTILATION Local exhaust when required for dust.

-GLOVES Rubber or other

-HYGIENE Wash thoroughly after handling and before eating. Keep dust away from food and beverages.

-OTHER Eyewash fountains and safety showers should be easily accessible

9-STABILITY AND REACTIVITY DATA

-STABILITY	Stable
-INCOMPATIBILITY	Lithium, glycerol, Carbon monoxide, hydrazine, calcium hypochloride, performic acid, bromine pentafluoride, strong acids.
-HAZARDOUS PRODUCTS OF DECOMPOSITION	None known
-HAZARDOUS POLYMERIZATION	Will not occur

10-TOXICOLOGICAL INFORMATION

-SKIN	Causes irritation to skin. Symptoms include redness, itching, and pain
-EYES	Causes irritation, redness, and pain.
-ACUTE INHALATION	Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.
-INGESTION	Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.
-EFFECTS OF: ACUTE OVEREXPOSURE CHRONIC OVEREXPOSURE	Nuisance Dust. Causes skin and eye irritation. Prolonged or repeated skin contact may produce severe irritation or dermatitis. Product may contain traces of hexavalent chromium. Repeated and prolonged exposures to trivalent chromium compounds may cause delayed effects involving the respiratory system
-MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Impaired pulmonary function
-CARCINOGENICITY	Chromium oxide: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC
-EXPOSURE LIMITS OSHA PEL ACGIH TLV	Iron oxide dust and fume (Fe ₂ O ₃) as Fe: 10 mg/m ³ of total dust. Chromium oxide: 0.5 mg/m ³ TWA (as Cr) Iron oxide dust and fume (Fe ₂ O ₃) as Fe: 5 mg/m ³ (TWA), inhalable particulate. Chromium oxide: 0.5 mg/m ³ TWA (as Cr)

11-ECOLOGICAL INFORMATION

-ECOTOXICITY When released into the soil, this material is not expected to biodegrade. This material is not expected to significantly bioaccumulate

12-DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Material that cannot be reclaimed should be land filled in accordance with local, state and federal regulations.
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13-TRANSPORT INFORMATION

-UN NUMBER	None
-DOT CLASSIFICATION	Not regulated
-PACKING GROUP	None
-HAZARDOUS SUBSTANCES REPORTABLE QUANTITY	None
-SPECIAL PROVISIONS FOR TRANSPORT	None
-ADDITIONAL SHIPPING INFORMATION	None
-INTERNATIONAL TRANSPORTATION REGULATIONS	n. av.

14-REGULATORY INFORMATION

-OSHA Hazard Communication Standard	n. av.
-W.H.M.I.S. (Canada)	Not regulated

15-OTHER INFORMATIONS

n. ap.= Not applicable
n. av.= Not available

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INTERSTAR has compiled the information and recommendations contained in this MSDS from sources believed to be reliable and to represent the most reasonable current on the subject when it was prepared. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or provincial laws.

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