

**INTERSTAR**

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**IN CASE OF EMERGENCY : CANUTEC: (613) 996-6666**

**1-PRODUCT INFORMATION**

-PRODUCT NAME	CM-015, CM-931
-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
Carbon Black	10-35	1333-86-4	> 15400 mg/kg, oral, rat

**3-PHYSICAL DATA**

-PHYSICAL STATE	Dry powder
-COLOR	Black, Mahogany
-ODOR	None
-MELTING POINT	n. ap.
-BOILING POINT	n. ap.
-VAPOR PRESSURE	n. ap.
-SPECIFIC GRAVITY	n. av.
-DENSITY	n. av.
-SOLUBILITY IN WATER	Insoluble
-VOLATILE BY WEIGHT	n. av.

**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. Call a physician if adverse symptoms occur..
-INGESTION	Do not induce vomiting, seek immediate medical attention. Never give anything by mouth to an unconscious person. Rinse mouth with water.

## 5-FIRE AND EXPLOSION DATA

-FLASH POINT °F (°C)	n. ap.
-FLAMMABLE LIMITS	
lower	n. av.
Upper	n. ap.
-EXTINGUISHING MEDIA	Do not use direct water stream. Carbon dioxide, dry chemical, foam, water spray (fog)
-SPECIAL PROCEDURES	Carbon black may contain residual oxygenated volatiles, which can further react and generate heat.
-UNUSUAL FIRE & EXPLOSIVE HAZARDS	Dust in sufficient concentration in air may give explosive compositions. Sensitive to static discharge.
-HAZARDOUS COMBUSTION PRODUCTS	Oxides of carbon, sulfur oxides, other organic compounds.
-N.F.P.A. RATINGS	CM-931 Health: 0, Fire: 0, Reactivity: 0, Special Hazard: - CM-015 Health: 0, Fire: 1, Reactivity: 0, Special Hazard: -

## 6-ACCIDENTAL RELEASE MEASURES

-CLEAN UP PROCEDURE	Common housekeeping, vacuum or scoop material into a container for reclamation or disposal.
-EVACUATION PROCEDURES	None special
-SPECIAL INSTRUCTION	None

## 7-HANDLING AND STORAGE

Material should be kept in a closed container to minimize dust. Keep dry. Keep away from heat and ignition sources. Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling.

## 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

-ENGINEERING CONTROLS	Local exhaust ventilation
-RESPIRATORY	NIOSH approved dust respirator when required for dust.
-VENTILATION	Local exhaust when required for dust.
-GLOVES	Use appropriate gloves to minimize contact with skin
-EYES	Safety glasses
-HYGIENE	Wash thoroughly after handling and before eating. Keep dust away from food and beverages.
-OTHERS	Shower and eye wash facilities should be accessible.

## 9-STABILITY AND REACTIVITY DATA

-STABILITY	Stable
-INCOMPATIBILITY	Strong oxidizers, strong acids, carbon monoxide, hydrazine, calcium hypochloride, performic acid, bromine pentafluoride.
-HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of carbon, oxides of sulfur, other organic compounds
-HAZARDOUS POLYMERIZATION	Will not occur

## 10-TOXICOLOGICAL INFORMATION

-SKIN	No hazard known
-EYES	Dust may cause mechanical irritation
-ACUTE INHALATION	May cause discomfort of upper respiratory tract
-INGESTION	No known adverse effects
-EFFECTS OF: ACUTE OVEREXPOSURE CHRONIC OVEREXPOSURE	Nuisance Dust Chronic inflammation, lung fibrosis, and lung tumors were found in rats exposed to excessive concentrations of carbon black for long periods of time.
-MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	n. av.
-CARCINOGENICITY	Epidemiological studies of workers in the carbon black producing industries of North America and Western Europe show no evidence of clinically significant, adverse health effects to occupational exposure to carbon black. Carbon black was evaluated by the IARC as possibly carcinogenic to humans.
-EXPOSURE LIMITS OSHA PEL ACGIH TLV	Carbon black: 8 hour T.W.A. 3,5 mg/m <sup>3</sup> Carbon black: 8 hour T.W.A. 3,5 mg/m <sup>3</sup>

## 11-ECOLOGICAL INFORMATION

-ECOTOXICITY	n. av.
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## 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)	D2A: Other toxic effects

### 15-OTHER INFORMATIONS

prepared by **INTERSTAR** technical service  
updated: January 2007  
n. ap.= Not applicable  
n. av. = Not available

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