

Product name: **Chrome**

1. PRODUCT AND COMPANY IDENTIFICATION			
Product name	Chrome	60.1	Date revised :2013
EC n°			
Manufacturer / distributor	DAC VISION 22 av. Joliot Curie - 17180 PERIGNY - FRANCE		
Phone number/mail	+33 5 46 27 27 24 - Fax : +33 5 46 27 14 36 - dacvision.eu@dacvision.com		
Emergency phone number	see item 16		
2. HAZARD IDENTIFICATION			
HMIS Ratings: Health: 2 Flammability: 3 Reactivity: 0			
Phrase R	R40: Limited evidence of a carcinogenic effect	CLP- H	H351
Phrase S	S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible) S36/37/39: Wear suitable protective clothing, gloves and eye/face protection	CLP- P	P314-P280
3. COMPOSITION, INFORMATION ON INGREDIENTS:			
Chromium Metal			
Formula:	Cr		
CAS Number:	7440-47-3		
Molecular Weight:	51.99		
4. FIRST AID MEASURES :			
Inhalation	Remove victim to fresh air. Keep warm and quiet, give oxygen if breathing is difficult and seek medical attention		
Eye contact	Flush with lukewarm water, lifting upper and lower eyelids for at least 15 minutes. Seek medical attention if symptoms persist		
Skin contact	Remove contaminated clothing, brush material off skin, wash affected area with mild soap and water. Seek medical attention if symptoms persist.		
Ingestion	Give 1-2 glasses of milk or water and induce vomiting. Seek medical attention immediately. Never induce vomiting or give anything by mouth to an unconscious person		
Environment	-		
5. FIRE FIGHTING MEASURES			
Extinguishing media	Non combustible except in powder form use water spray or fog, dry chemical extinguishing agents, carbon dioxide, dry sand.		
Inappropriate extinguishing media			
Specific hazards	Ignites and is potentially explosive in atmospheres of carbon dioxide. Chromium react violently or explosively when heated with ammonium nitrate and bromine pentafluoride. It has an incandescent reaction with nitrogen oxide or sulfur dioxide. Powders prep		
Personal protection	Wear NIOSH/MSHA approved self contained breathing apparatus and protective clothing. Fumes from fire are hazardous. Isolate runoff to prevent environmental pollution.		
6. ACCIDENTAL RELEASE MEASURES :			
Individual and environmental protection	Wear appropriate respiratory and protective equipment specified in Section VIII-Special Protection Information. Isolate spill area, provide ventilation and extinguish sources of ignition. Vacuum up spill using a high efficiency particulate absolute (HEPA)		
Cleaning up	Consult Local, State, and Federal Regulations for proper disposal procedures.		
7. HANDLING AND STORAGE:			
Handling			
Storage			

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection	
Hands protection	
Eye protection	
Skin protection	
General	

9. CHEMICAL AND PHYSICAL PROPERTIES :

Apparence	lustrous metal	Decomposition temperature	
Colour	Steel gray	Viscosity	
Odour	odorless	Solubility	Insoluble (in water)
pH		Pressure of vapor	1 mm at 1616°C
Boiling point:	2672°C		
Melting temperature	1857°C		
Flash point	N/A		
Density			
Inflammation temperature	N/A		

10. STABILITY AND REACTIVITY:

Stability	Stable
Conditions to avoid	
Materials to avoid	Powder incompatible with ammonium nitrate, hydrogen peroxide, nitric oxide, potassium chlorate, sulfur dioxide, mercury. Otherwise, avoid strong oxidizing agents, ammonium nitrite, bromine pentafluoride and carbon dioxide.
Decomposition products	Toxic chromium oxides fumes

11. TOXICOLOGICAL INFORMATION:

Acute toxicity:

Inhalation	
Ingestion	
Skin contact	
Eye contact	
Chronic toxicity	Inhalation: May cause histologic fibrosis of lungs, nasal and/or lung cancer.
Irritation/sensitization	Medical Conditions Generally Aggravated by Exposure: Pre-existing respiratory disorders, pulmonary functions and asthma.

12. ECO-TOXICOLOGICAL INFORMATION:

Degradability	
Accumulation	
Different harmful effects :	
Effects with short and long terms	

13. DISPOSAL:

Code EWC (European waste code)	
Contaminated containers recommendations	

14. TRANSPORT INFORMATION:

Labelling:

15. REGULATORY :

Phrase R	R40: Limited evidence of a carcinogenic effect	CLP- H	H351
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16. OTHER INFORMATION:

EMERGENCY PHONE NUMBERS:

FR: FRANCE: ORFILA: (00 33) 01 45 42 59 47 UNITED KINGDOM: NATIONAL CHEMICAL EMERGENCY CENTER CULHAM LABORATORY: (00 44) 01235 463076 ITALY: LABORATORI DE TOSSICOLOGIA: (00 39) 0266 10 10 17 SPAIN: SERVICIO DE INFORMACION TOXICOLOGIA: (00 34) 91 562 04 8 PORTUGAL: SEVICO TOXICOLOGIA: (00 351) 213 30 3259
GERMANY: BERATUNGSSTELLE BEI VERGIFTUNGEN: (00 49) 06131 19228:

Autre :

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