

Product name: **CeF3**

1. PRODUCT AND COMPANY IDENTIFICATION			
Product name	CeF3	63.1	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			
R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R 36/37/38 Irritating to eyes, respiratory system and skin.			
Phrase R	20/21/22 Harmful by inhalation, in contact with skin and if swallowed. 36/37/38 Irritating to eyes, respiratory system and skin.	CLP- H	H332-H312-H302 / H319-H335-H315
Phrase S	26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 36/37 Wear suitable protective clothing and gloves.	CLP- P	P305+P351+P338 - P280
3. COMPOSITION, INFORMATION ON INGREDIENTS:			
Cerium Fluoride CAS #: 7758-88-5 Chemical Formula: CeF3			
4. FIRST AID MEASURES :			
Inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. Seek immediate medical advice.		
Eye contact	Rinse opened eye for several minutes under running water. Then consult doctor.		
Skin contact	Instantly wash with water and soap and rinse thoroughly. Seek immediate medical advice.		
Ingestion	Seek immediate medical advice.		
Environment	-		
5. FIRE FIGHTING MEASURES			
Extinguishing media	Use fire fighting measures that suit the environment.		
Inappropriate extinguishing media			
Specific hazards	Can be released in case of fire: Hydrogen fluoride (HF)		
Personal protection	Wear self-contained breathing apparatus. Wear full protective suit.		
6. ACCIDENTAL RELEASE MEASURES :			
Individual and environmental protection	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation environmental protection: Do not allow material to be released to the environment without proper governmental permits.		
Cleaning up	Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.		
7. HANDLING AND STORAGE:			
Handling	Requirements to be met by storerooms and containers: No special requirements. Information about storage in one common storage facility: Do not store together with acids. Store away from water. Further information about storage conditions: Store under dry		
Storage	Information for safe handling: Handle under dry protective gas. Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Information about protection against explosions and		

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection	
Hands protection	Impervious gloves
Eye protection	Safety glasses Face protection
Skin protection	Protective work clothing.
General	

9. CHEMICAL AND PHYSICAL PROPERTIES :

Appearance	Solid	Decomposition temperature	Not determined
Colour	White	Viscosity	
Odour	Odorless	Solubility	Insoluble Not miscible or difficult to mix
pH		Pressure of vapor	
Boiling point:	2300°C		
Melting temperature	1460 ° C		
Flash point	Not applicable		
Density	(20°) 6.16 g/cm ³		
Inflammation temperature			

10. STABILITY AND REACTIVITY:

Stability	
Conditions to avoid	No decomposition if used and stored according to specifications.
Materials to avoid	Acids
Decomposition products	Hydrogen fluoride Metal oxide

11. TOXICOLOGICAL INFORMATION:

Acute toxicity:

Inhalation		
Ingestion		
Skin contact	Irritant for skin and mucous membranes. Danger by skin resorption. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the	I C T N
Eye contact	Irritant effect.Irritant for skin and mucous membranes. Danger by skin resorption. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the	I C T N
Chronic toxicity		
Irritation/ sensitization	Irritant for skin and mucous membranes. Danger by skin resorption. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the	I C T N

12. ECO-TOXICOLOGICAL INFORMATION:

Degradability	Do not allow material to be released to the environment without proper governmental permits. Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies
Accumulation	
Different harmful effects :	
Effects with short and long terms	

13. DISPOSAL:

Code EWC (European waste code)	
Contaminated containers recommendations	Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION:

Labelling: # Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)
ADR/RID-GGVS/E Class: 6.1 (T5) Toxic substances.
Kemler Number: 60
UN-Number: 3288
Packaging group: III
Label 6.1
Designa

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15. REGULATORY :			
Phrase R	20/21/22 Harmful by inhalation, in contact with skin and if swallowed. 36/37/38 Irritating to eyes, respiratory system and skin.	CLP- H	H332-H312-H302 / H319-H335-H315
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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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