

Product name: **BETRONOL EP V 1184-1**

1. PRODUCT AND COMPANY IDENTIFICATION			
Product name	<b>BETRONOL EP V 1184-1</b>	<b>48.1.</b>	Date revised :2013
EC n°			
Manufacturer / distributor	<b>DAC VISION</b> 22 av. Joliot Curie - 17180 PERIGNY - FRANCE		
Phone number/mail	+33 5 46 27 27 24 - Fax : +33 5 46 27 14 36 - <a href="mailto:dacvision.eu@dacvision.com">dacvision.eu@dacvision.com</a>		
Emergency phone number	see item 16		
2. HAZARD IDENTIFICATION			
Phrase R	-	CLP- H	
Phrase S	-	CLP- P	
3. COMPOSITION, INFORMATION ON INGREDIENTS:			
Rape oil product with a compound of emulsifying agents. Mineral oil free, based on a vegetal oil and emulsion agents. Secondary amine, PCB/PCT, PDBB, phenol, chloride, boron, zinc, Barium, and nitrites free.			
4. FIRST AID MEASURES :			
Inhalation	1-10% solution non irritant. In case of high concentration, bring to fresh air and lay. Get medical assistance if no quick recovering can be observed		
Eye contact	Wash immediately with cool running water for 15 minutes. Seek medical advice at once.		
Skin contact	Wash immediately with cool running water or oil-dissolving hand wash cream. Seek medical advice at once		
Ingestion	Do not provoke vomiting. Drink a lot of water. Seek medical advice at once		
Environment	See items 12 and 13		
5. FIRE FIGHTING MEASURES			
Extinguishing media	Water jet spread in fine particles, foam, CO2, sand, powder. Cool containers exposed to fire with water jet spread in fine particles		
Inappropriate extinguishing media	Direct water jet is not appropriated.		
Specific hazards	In the event of fire, the product can generate fumes and vapours like CO2, CO, SOx, and cracking organic agents.		
Personal protection	Use respiratory equipment. Use the same protection as mentioned in item 8. Warranty good ventilation. Risks of slide		
6. ACCIDENTAL RELEASE MEASURES :			
Individual and environmental protection	Avoid penetration into sewerage, waterways or ground water. Prevent spreading and product from entering drains, etc. Contain spill with inert material (sand, earth).		
Cleaning up	See item 13		
7. HANDLING AND STORAGE:			
Handling	The best storage conditions are 20°C ±5°C, 50%HR ±15% HR, in a healthy location (without dust, grease, or water), products being in their original packaging closed, out of direct sunlight.		
Storage	Avoid direct eye and skin contact and use personal protection mentioned in item 8.		

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**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

<b>Respiratory protection</b>	No special protection necessary
<b>Hands protection</b>	The use of rubber gloves is recommended
<b>Eye protection</b>	When risk of splashes exists, use safety spectacles
<b>Skin protection</b>	No special protection necessary
<b>General</b>	Handle with elementary precautions of hygiene and neatness. Do not eat, drink, or smoke on the work area. Wash hands abundantly before eating, drinking or smoking. Avoid inhalation or ingestion of smoke.

**9. CHEMICAL AND PHYSICAL PROPERTIES :**

<b>Apparence</b>	Liquid	<b>Decomposition temperature</b>	230°C
<b>Colour</b>	ASTM color: 3	<b>Viscosity</b>	(20°C): 500 mm <sup>2</sup> /s
<b>Odour</b>	Light	<b>Solubility</b>	Emulsifiable
<b>pH</b>	(20°C, 10%): 9,1	<b>Pressure of vapor</b>	Not available
<b>Boiling point:</b>	Not determinated		
<b>Melting temperature</b>	Not determinated		
<b>Flash point</b>	195°C DIN ISO 2593		
<b>Density</b>	(15°C): 0.97 g/ml		
<b>Inflammation temperature</b>	Not available		

**10. STABILITY AND REACTIVITY:**

<b>Stability</b>	Phases separation after freezing
<b>Conditions to avoid</b>	None
<b>Materials to avoid</b>	Strong oxidisers and acids
<b>Decomposition products</b>	None hazardous known

**11. TOXICOLOGICAL INFORMATION:**

**Acute toxicity:**

<b>Inhalation</b>	
<b>Ingestion</b>	
<b>Skin contact</b>	
<b>Eye contact</b>	
<b>Chronic toxicity</b>	
<b>Irritation/sensitization</b>	

**12. ECO-TOXICOLOGICAL INFORMATION:**

<b>Degradability</b>	Not available.
<b>Accumulation</b>	-
<b>Different harmful effects :</b>	-
<b>Effects with short and long terms</b>	-

**13. DISPOSAL:**

<b>Code EWC (European waste code)</b>	12 01 09 (ADEME)
<b>Contaminated containers recommendations</b>	Contaminated containers should be emptied completely. After adequate cleaning, reuse is possible.

**14. TRANSPORT INFORMATION:**

Not restricted

Labelling:

**15. REGULATORY :**

<b>Phrase R</b>	-	<b>CLP- H</b>	
<b>Phrase S</b>	-	<b>CLP- P</b>	

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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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