

## Section A8

## MEASURES NECESSARY TO PROTECT MAN, ANIMALS AND THE ENVIRONMENT

## Annex Point IIA VIII.1-8.6 &amp; IIIA VIII.1

REFERENCE	Bayer Chemicals, 2003, Preventol A 4 S, Safety Data sheet, Bayer Chemicals, SDS No. 014730/28, 2003-10-01	Official use only X
8.1 Recommended methods and precautions concerning handling, use, storage, transport or fire	<p><u>Handling, use and storage:</u> Dichlofluanid is harmful by inhalation and irritating to eyes. It may cause sensitisation by skin contact. Therefore suitable protective clothing, including protective gloves (e.g. of rubber, Polyvinyl chloride – PVC), closely fitting goggles and in case of dust formation respiratory protection with particle filter, e.g. DIN 3181 P 2 must be worn.</p> <p>Recommended container materials for the direct contact with the active substance: Polypropylene plastic material (PP), high and low density polyethylene plastic materials (HDPE, LDPE).</p> <p>VCI storage class: 11</p>	
8.2 In case of fire, nature of reaction products, combustion gases, etc.	<p><u>Transport:</u> GGVSee/IMDG Code: 9                      UN No. 3077 EmS: NO PG: III    MPO: NO GGVSE: Class 9                                RID/ADR: Class 9 Warning sign: Hazard no. 090              Substance no. 3077 ADNR: Class 9 Cat -- ICAO/IATA-DGR: 9                    3077 III</p> <p><u>Fire:</u> Extinguishing media: water, foam, CO<sub>2</sub>, dry powder</p> <p>Formation of carbon monoxide, carbon dioxide, hydrogen halides, sulphur dioxide, nitrogen oxides and other toxic gases in the event of fire or during thermal decomposition.</p>	
8.3 Emergency measures in case of an accident	<p><u>Personal precautions:</u> Dichlofluanid irritates eyes, respiratory system and skin. It may cause sensitisation by skin contact. Respiratory protection, protective gloves and closely fitting goggles should be worn when handling this material.</p>	
8.4 Possibility of destruction or decontamination following release in or on the following: (a) air (b) water, including drinking water (c) soil	<p><u>Environmental precautions:</u> Dichlofluanid and its container must be disposed of as hazardous waste.</p> <p><u>Methods of cleaning Up:</u> Take up spilled product with dust-binding material or suitable vacuum cleaner. Avoid formation of dust. Put materials taken up into labelled, sealable container. To clean the floor and all objects contaminated by this material, use dilute alkalis.</p> <p><u>Procedures for the decontamination of water in the event of an accident:</u> As dichlofluanid is hydrolysed very fast in the aquatic environment, only DMSA is regarded as relevant concerning decontamination. As the toxicity of DMSA is low to aquatic organisms (fish, daphnids, green algae), it is assumed that procedures for neutralisation in water would burden natural aquatic environments more than DMSA itself. Therefore, no specific procedures are recommended.</p>	

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<b>8.5</b>	<u>Detailed instructions for safe disposal:</u>
<b>Procedures for waste management of the active substance for industry or professional users</b>	Examine possibilities for re-utilization. Package product wastes. Close and label the waste receptacles and, likewise, any uncleaned empty containers. Dispose of them at a suitable waste incineration plant in accordance with the official regulations. Where large quantities are concerned, consult the supplier. When uncleaned empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
<b>8.5.1</b>	
Possibility of re-use or recycling	
<b>8.5.2</b>	
Possibility of neutralisation of effects	<u>Methods other than controlled incineration for disposal of the active substance contaminated packaging and contaminated materials:</u>
<b>8.5.3</b>	Applications that involve controlled incineration with energy recovery are considered to be the most environmentally-acceptable means of disposal. However, where local recovery schemes exist, these should also be considered.
Conditions for controlled discharge including leachate qualities on disposal	
<b>8.5.4</b>	
Conditions for controlled incineration	
<b>8.6</b>	
<b>Observations on undesirable or unintended side-effects, e.g. on beneficial and other non-target organisms</b>	
<b>8.7</b>	Organohalogen compounds are covered by List I of the Annex to Directive 80/68/EEC.
<b>Identification of any substances falling within the scope of List I or List II of the Annex to Directive 80/68/EEC on the protection of ground water against pollution caused by certain dangerous substances</b>	Biocides and their derivatives are covered by List II of the Annex to Directive 80/68/EEC.

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8.6 & IIIA VIII.1

<b>Evaluation by Competent Authorities</b>	
	Use separate "evaluation boxes" to provide transparency as to the comments and views submitted
	<b>EVALUATION BY RAPPORTEUR MEMBER STATE</b>
<b>Date</b>	16/02/05
<b>Materials and Methods</b>	Applicants version acceptable with the following modifications:  8.1 "respiratory protection with particle filter, e.g. DIN 3181". The UK CA does not recognise DIN 3181. The UK CA accepts respiratory protection with particle filter, e.g. EN 149 (P2) or filters conforming to EN 143 (P).
<b>Results and discussion</b>	The UK CA accepts the Applicant's version with the above amendments
<b>Conclusion</b>	The UK CA accepts the Applicant's version with the above amendments
<b>Reliability</b>	2
<b>Acceptability</b>	acceptable
<b>Remarks</b>	The UK CA accepts the Applicant's version with the above amendments
	<b>COMMENTS FROM ...</b>
<b>Date</b>	<i>Give date of comments submitted</i>
<b>Materials and Methods</b>	<i>Discuss additional relevant discrepancies referring to the (sub)heading numbers and to applicant's summary and conclusion. Discuss if deviating from view of rapporteur member state</i>
<b>Results and discussion</b>	<i>Discuss if deviating from view of rapporteur member state</i>
<b>Conclusion</b>	<i>Discuss if deviating from view of rapporteur member state</i>
<b>Reliability</b>	<i>Discuss if deviating from view of rapporteur member state</i>
<b>Acceptability</b>	<i>Discuss if deviating from view of rapporteur member state</i>
<b>Remarks</b>	