

Section IIIA.8 Annex Point IIA. VIII	Measures necessary to protect man, animals and the environment	Official use only
<p>8.1 Recommended methods and precautions concerning handling, use, storage, transport or fire (IIA, VIII.8.1)</p>	<p>Handling: When using do not eat, drink or smoke. Wash hands after handling the product. Work in a well ventilated area.</p> <p>Use: Product Type 12: Slimicides Control of bacteria in injection waters in oil field water systems Surface/well cleaning</p> <p>Storage: Store in a secured and well ventilated area. Keep away from heat, sparks and flame. Keep away from incompatibles. Keep container tightly closed and dry. To avoid fire or explosion, ground container equipment and personnel handling product.</p> <p>Transport: UK road class: 6.1 Proper shipping name: Acrolein, stabilized UN No. road: 1092 ADR class no.: 6.1 ADR pack group: 1 UK road pack gr: I ADR class: Class 6.1: Toxic substances Hazard no. (ADR): 663 Highly toxic substance, flammable (flash-point not above 61°C) Hazchem code: 2WE IMDG class: 6.1 Marine pollutant: Yes UN No. sea: 1092 IMDG pack gr: I</p> <p>Fire: Suitable Extinguishing Media Fire can be extinguished using: Foam, dry chemicals. Carbon dioxide.</p>	
<p>8.2 In case of fire, nature of reaction products, combustion gases, etc (IIA, VIII.8.2)</p>	<p>Flammable liquid. Vapours can form an ignitable or explosive mixture with air. Can form explosive mixtures at temperatures at or above the flash point. Vapours can flow along surfaces to a distant ignition source and flash back.</p>	
<p>8.3 Emergency measures in case of an accident (IIA, VIII.8.3)</p>	<p>Remove the affected person from the danger zone to a well ventilated room or fresh air and protect from undercooling.</p> <p>Inhalation: remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Seek medical attention, If respiratory problems occur provide artificial respiration/oxygen.</p> <p>Eye: Rinse eyes with clean water for several minutes and immediately call a physician</p>	

Section IIIA.8 Annex Point IIA. VIII	Measures necessary to protect man, animals and the environment	Official use only
	<p>Skin: Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water</p> <p>Ingestion: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Wash out mouth with water if person is conscious. If fully conscious promptly drink one to two glasses of water. Never induce vomiting or give anything by mouth to a victim who is unconscious or having convulsions. Get medical attention immediately.</p>	
8.4 Possibility of destruction or decontamination following release in or on the following: (IIA, VIII.8.4)		
a. air	Acrolein has a high vapour pressure, therefore the potential for evaporation is fairly high. As a slimicide, this material is not intentionally aerosolised. Therefore, destruction in air is not a concern.	
b. water, including drinking water	Prevent further leakage or spillage if safe to do so. Prevent entry into watercourses, sewers. Acrolein can be neutralised with sodium carbonate if appropriate.	
c. soil	Direct and/or intentional release to soil is not anticipated for the use of the product as a slimicide. In the event of a significant accidental release, inform the appropriate authority.	
8.5 Procedures for waste management of the active substance for industry or professional users (IIA, VIII.8.5)	Responsibility for proper waste disposal rests with the generator of waste. Dispose of any waste material in accordance with all applicable state and local regulations. Note that these regulations may also apply to empty containers, liners and rinsate. Processing, use, dilution or contamination of this product may cause its physical and chemical properties to change. Do not clean or reuse empty container on site.	
8.5.1 Possibility of re-use or recycling (IIA, VIII.8.5.1)	There is no possibility of re-use or recycling of acrolein as use quantities are calculated to ensure that there is no acrolein left unused.	
8.5.2 Possibility of neutralisation of effects (IIA, VIII.8.5.2)	Small amounts of the substance can be neutralized by covering with sodium carbonate and mixing with water.	
8.5.3 Conditions for controlled discharge including leachate qualities on disposal (IIA, VIII.8.5.3)	Monitoring data on existing uses of acrolein have shown that there is no release of acrolein to waste water.	
8.5.4 Conditions for controlled incineration (IIA, VIII.8.5.4)	Dispose of in accordance with local authorities.	
8.6 Observations on undesirable or unintended side-effects (IIA, VIII.8.6)	No undesirable or unintended side effects have been noted.	
8.7 Identification of any substances falling	There are no substances in the active ingredient which fall within the scope of List I or List II of the Annex to Directive 80/68/EEC.	

Section IIIA.8 Annex Point IIA. VIII	Measures necessary to protect man, animals and the environment	Official use only
within the scope of List I or List II of the Annex to Directive 80/68/EEC (IIIA, VIII.1)		
	Evaluation by Competent Authorities	
	Use separate "evaluation boxes" to provide transparency as to the comments and views submitted	
	EVALUATION BY RAPPORTEUR MEMBER STATE	
Date	1/5/2008	
Materials and methods Results and discussion Conclusion Reliability Acceptability Remarks	n.a n.a n.a n.a The UK CA accepts the summary provided by the Applicant The UK CA has examined the recommendations put forward by the Applicant. It is the responsibility of the Applicant to comply with legislation relating to labelling for transport etc. Although the UK CA has not identified any specific errors in the text, it accepts no responsibility for the accuracy of any of the advice or labelling instructions given. The UK CA considers that the information given in section 8.1 under the sub-heading "Use" should indicate the precautions recommended for operators carrying out an acrolein treatment. The standard PPE specified by the company for all operators carrying out acrolein treatments is a full-face air purifying respirator with organic vapour cartridges, suitable gloves (e.g. butyl) and suitable overalls.	
Date Results and discussion Conclusion Reliability Acceptability Remarks	COMMENTS FROM OMS	

Section IIIA.9 Annex Point IIA. IX	Classification and Labelling	Official use only
9.1 Classification	T+: Highly toxic, T: Toxic, F: Highly flammable , C: Corrosive, N: Dangerous to the environment	
9.2 Proposed Labelling	<p>R-phrases:</p> <p>R11: Highly flammable</p> <p>R24/25: Toxic in contact with skin and if swallowed</p> <p>R26: Very toxic by inhalation</p> <p>R34: Causes burns</p> <p>R43: May cause sensitisation by skin contact</p> <p>R50: Very toxic to aquatic organisms</p> <p>S-phrases:</p> <p>S16: Keep away from sources of ignition – No smoking</p> <p>S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</p> <p>S36/37/39: Wear suitable protective clothing, gloves and eye/face protection</p> <p>S45: In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)</p> <p>S61: Avoid release to the environment. Refer to special instructions/safety data sheets</p> <p>P14: Contains HYDROQUINONE. May produce an allergic reaction</p>	
9.3 Existing Classification and labelling (Annex I of Directive 67/548/EEC)	Acrolein is listed on Annex 1 of 67/548/EEC is classified as F, T+, T, C, N and labelled as R11, 24/25, 26, 34,50	
	Evaluation by Competent Authorities	
	Evaluation by Competent Authorities	
	<i>Use separate "evaluation boxes" to provide transparency as to the comments and views submitted</i>	
Date	10 June 2008	
Comments	Following evaluation, the UK CAs proposed classification is as follows T+; R26/28 : T; R24 : C; R34 : N:R50	
Acceptability	Acceptable.	

Remarks	None
	COMMENTS FROM OTHER MEMBER STATE (<i>specify</i>)
Date	<i>Give date of comments submitted</i>
Evaluation of applicant's justification	<i>Discuss if deviating from view of rapporteur member state</i>
Conclusion	<i>Discuss if deviating from view of rapporteur member state</i>
Remarks	