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**COMMITTEE OF EXPERTS ON THE TRANSPORT OF  
DANGEROUS GOODS AND ON THE GLOBALLY  
HARMONIZED SYSTEM OF CLASSIFICATION  
AND LABELLING OF CHEMICALS**

**Sub-Committee of Experts on the  
Transport of Dangerous Goods**  
(Fourth session, 9-11 December 2002,  
agenda item 3 )

PROGRAMME OF WORK FOR THE BIENNIUM

**Decision logic Hazard Statements - Precautionary Statements**

Transmitted by the experts from Austria and Germany

**Annex to the document ST/SG/AC.10/C.4/2002/15**

**EXPLOSIVES**

<b>Division 1.1</b>	<b>Explosive; mass explosion hazard</b>
<b>Division 1.2</b>	<b>Explosive; severe projection hazard</b>
<b>Division 1.3</b>	<b>Explosive; fire, blast or projection hazard</b>

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	not allowed	
storage/workplace	Keep away from heat. Keep away from sources of ignition - No smoking. Keep at temperature not exceeding ...°C (to be specified by the manufacturer). Keep wetted with ... (appropriate material to be specified by the manufacturer).	Store and transport according to packing list of dangerous chemicals. Keep away from [fire] [sources of ignition].
use/private	not allowed	
use/occupational	Handle and open container with care.	Avoid [shock] [impact] [friction] [rough handling]. No [open flames] [sparks] [smoking]. Do not use sparking tools. Do not use compressed air for filling, discharging or handling.
personal protection		
medical first aid		
disposal	Dispose of this material and its container to .... (to be specified by the manufacturer).	

**EXPLOSIVES**

**Division 1.4**      **Fire or projection hazard**  
**Division 1.5**      **May explode in fire**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	not allowed	
storage/workplace	Keep away from sources of ignition - No smoking.	Store and transport according to packing list of dangerous chemicals. Keep away from [fire] [sources of ignition].
use/private	not allowed	
use/occupational		No [open flames] [sparks] [smoking].
personal protection		
medical first aid		
disposal	Dispose of this material and its container to .... (to be specified by the manufacturer).	

**FLAMMABLE GASES**

**Extremely flammable gas**  
**Flammable gas**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep container in a well-ventilated place.	Keep out of the reach of children. Keep container/package in a well-ventilated place. Keep from direct sunlight.
storage/workplace	Keep container in a well-ventilated place.	Keep container/package [closed] [in a well-ventilated place]. Keep [in a cool place] [from direct sunlight] [at a temperature not exceeding ....°C].
use/private	Keep away from sources of ignition - No smoking	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking.
use/occupational	Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking. Take precautionary measures against static charges. Do not use sparking tools.
personal protection		
medical first aid		
disposal	Dispose of this material and its container to .... (to be specified by the manufacturer).	

**FLAMMABLE AEROSOLS**

**Extremely flammable aerosol**  
**Flammable aerosol**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children. Keep from direct sunlight.
storage/workplace		Keep in a cool place. Keep at a temperature not exceeding ....°C.
use/private	Keep away from sources of ignition - No smoking	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking.
use/occupational	Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking. Take precautionary measures against static charges.
personal protection		
medical first aid		
disposal	This material and its container must be disposed of as hazardous waste	

**OXIDIZING GASES**

**May cause or intensify fire; oxidizer**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children.
storage/workplace		Separate from [reducers] [halogens] [acids] [flammable/ combustible materials] [finely powdered metals] etc in storage and transport.
use/private	Keep away from combustible materials	Keep away from combustible material.
use/occupational	Keep away from combustible materials	Keep away from [combustible material] [(incompatible material to be specified by manufacturer)]. Keep from contact with clothing and other combustible materials to avoid fire.
personal protection		
medical first aid		
disposal	Dispose of this material and its container to .... (to be specified by the manufacturer).	

**OXIDIZING SOLIDS****May cause fire or explosion; strong oxidizer****May intensify fire; oxidizer****May intensify fire; oxidizer**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep container tightly closed.	Keep out of the reach of children.
storage/workplace	Keep container tightly closed.	Separate from [reducers] [halogens] [acids] [flammable/combustible materials] [finely powdered metals] etc in storage and transport.
use/private	Keep away from combustible materials Handle and open container with care.	Keep away from combustible material. Keep from contact with clothing and other combustible materials to avoid fire.
use/occupational	Keep away from combustible materials	Keep away from [combustible material] [(incompatible material to be specified by manufacturer)]. Keep from contact with clothing and other combustible materials to avoid fire. Prevent contamination with readily oxidizable materials and polymerization accelerators.
personal protection	Wear eye/face protection.	Wear protective eyewear (goggles, face shield, or safety glasses).
medical first aid		
disposal	Dispose of this material and its container to hazardous or special waste collection point. (This material and its container must be disposed of as hazardous waste.)	

**OXIDIZING LIQUIDS****May cause fire or explosion; strong oxidizer****May intensify fire; oxidizer****May intensify fire; oxidizer**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep container tightly closed.	Keep out of the reach of children.
storage/workplace	Keep container tightly closed.	Separate from [reducers] [halogens] [acids] [flammable/combustible materials] [finely powdered metals] etc in storage and transport.
use/private	Keep away from combustible materials Handle and open container with care.	Keep away from combustible material. Keep from contact with clothing and other combustible materials to avoid fire.
use/occupational	Keep away from combustible materials	Keep away from [combustible material] [(incompatible material to be specified by manufacturer)]. Keep from contact with clothing and other combustible materials to avoid fire. Drying of this product on clothing or combustible materials may cause fire. Prevent contamination with readily oxidizable materials and polymerization accelerators.
personal protection	Wear eye/face protection	
medical first aid		
disposal	Dispose of this material and its container to hazardous or special waste collection point. (This material and its container must be disposed of as hazardous waste.)	

**ORGANIC PEROXIDES**

**Type A**                    **May cause an explosion**  
**Type B**                    **May cause a fire or explosion**  
**Type C, D, E, F**        **May cause a fire**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. (Keep only in the original container.) Keep container tightly closed.	Keep out of the reach of children. Keep only in the original container/package in a cool well-ventilated place. Keep container tightly closed.
storage/workplace	Keep container tightly closed. (Keep only in the original container.)	Keep container tightly closed. (Keep only in the original container.) Separate from [reducers] [halogens] [acids] [flammable/ combustible materials] [finely powdered metals] etc in storage and transport.
use/private	Handle and open container with care.	Keep away from heat. Keep away from combustible material.
use/occupational	Do not mix with ... (to be specified by the manufacturer).	Keep away from heat. Keep away from [combustible material] [(incompatible material to be specified by manufacturer)]. Keep from contact with clothing and other combustible materials to avoid fire. Prevent contamination with readily oxidizable materials and polymerization accelerators.
personal protection	Wear eye/face protection	
medical first aid		
disposal	Dispose of this material and its container to hazardous or special waste collection point. (This material and its container must be disposed of as hazardous waste.)	

**GASES UNDER PRESSURE**

<b>Compressed gas</b>	<b>Contains gas under pressure; may explode if heated</b>
<b>Liquefied gas</b>	<b>under pressure; may explode if heated</b>
<b>Refrigerated liquefied gas</b>	<b>Contains refrigerated gas; may cause cryogenic burns or injury</b>
<b>Dissolved gas</b>	<b>Contains gas under pressure; may explode if heated</b>

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep in a cool place.	Keep [in a cool place] [from direct sunlight] [at a temperature not exceeding .... °C].
storage/workplace		
use/private	<i>refrigerated liquefied gas only:</i> Avoid contact with skin. Avoid contact with eyes.	
use/occupational		
personal protection		
medical first aid		
disposal		

**FLAMMABLE LIQUIDS****Extremely flammable liquid and vapour****Highly flammable liquid and vapour**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep container tightly closed. Keep container in a well-ventilated place.	Keep out of the reach of children. Keep container tightly closed. Keep in a well-ventilated place.
storage/workplace	Keep container tightly closed Keep container in a well-ventilated place.	Keep container/package [closed] [in a well-ventilated place]. Keep [in a cool place] [from direct sunlight] [at a temperature not exceeding .... °C].
use/private	Keep away from sources of ignition - No smoking. In case of fire use... (indicate in the space the precise type of fire-fighting equipment. If water increases the risk add: <i>Never use water</i> ).	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking.
use/occupational	Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. In case of fire use... (indicate in the space the precise type of fire-fighting equipment. If water increases the risk add: <i>Never use water</i> ).	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking. Take precautionary measures against static charges. Do not use sparking tools.
personal protection		
medical first aid		
disposal	Do not empty into drains Dispose of this material and its container to .... (to be specified by the manufacturer). This material and its container must be disposed of as hazardous waste	



**FLAMMABLE LIQUIDS****Flammable liquid and vapour  
Combustible liquid**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep container tightly closed. Keep container in a well-ventilated place.	Keep out of the reach of children. Keep container tightly closed. Keep in a well-ventilated place.
storage/workplace	Keep container tightly closed Keep container in a well-ventilated place.	Keep container/package [closed] [in a well-ventilated place]. Keep [from direct sunlight] [in a cool place].
use/private	Keep away from sources of ignition - No smoking.	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking.
use/occupational	Keep away from sources of ignition - No smoking.	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking.
personal protection		
medical first aid		
disposal	Dispose of this material and its container to .... (to be specified by the manufacturer). This material and its container must be disposed of as hazardous waste	

**FLAMMABLE SOLIDS****Flammable solid**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children. Keep container/package closed.
storage/workplace		Keep container/package closed.
use/private	Keep away from sources of ignition - No smoking.	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking.
use/occupational	Keep away from sources of ignition - No smoking.	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking.
personal protection		
medical first aid		
disposal	This material and its container must be disposed of as hazardous waste. (in special cases)	

**SELF-REACTIVE SUBSTANCES****Type A****Heating may cause an explosion****Type B****Heating may cause a fire or explosion**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	not allowed	
storage/workplace	Keep away from living quarters Keep container tightly closed Keep in a cool place/Keep at temperature not exceeding ...°C (to be specified by the manufacturer)	Keep at temperature not exceeding .....°C. Do not store near combustible materials. Do not store and transport with flammable/combustible materials etc.
use/private	not allowed	
use/occupational	Keep away from sources of ignition - No smoking.	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking. Keep away from (incompatible material to be specified by manufacturer). Keep from contact with clothing and other combustible materials to avoid fire. Prevent contamination with readily oxidizable materials and polymerization accelerators.
personal protection		
medical first aid		
disposal	Dispose of this material and its container to .... (to be specified by the manufacturer).	

**SELF-REACTIVE SUBSTANCES****Type C, D****Heating may cause a fire****Type E, F****Heating may cause a fire**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	not allowed	Keep in a cool place.
storage/workplace	Keep [in a cool place] [at temperature not exceeding ...°C (to be specified by the manufacturer)]	Keep [in a cool place] [at temperature not exceeding ...°C (to be specified by the manufacturer)] Do not store near combustible materials. Do not store and transport with flammable/combustible materials etc.
use/private	not allowed	
use/occupational	Keep away from sources of ignition - No smoking.	Keep away from [sparks] [open flames] [heated surfaces]. No Smoking. Keep away from (incompatible material to be specified by manufacturer).
personal protection		
medical first aid		
disposal	Dispose of this material and its container to .... (to be specified by the manufacturer).	

**PYROPHORIC LIQUIDS****PYROPHORIC SOLIDS****Catches fire spontaneously if exposed to air**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	not allowed	
storage/workplace	Keep contents under...( <i>appropriate liquid to be specified by the manufacturer</i> ) Keep under...( <i>inert gas to be specified by the manufacturer</i> )	Keep under [insert name of inert gas].
use/private	not allowed	
use/occupational		Do not allow contact with air. Protect from light, moisture and damage.
personal protection		
medical first aid		
disposal		This material and its container must be disposed of as hazardous waste.

**SELF-HEATING SUBSTANCES****Self-heating; may catch fire****Self-heating in large quantities; may catch fire**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	as in <b>storage/workplace</b> if allowed	
storage/workplace	Keep away from heat.	Keep away from incompatible material [to be specified by manufacturer)]. Keep at a temperature not exceeding [ ].
use/private	as in <b>use/occupational</b> if allowed	
use/occupational		
personal protection		
medical first aid		
disposal		

**SUBSTANCES, WHICH IN CONTACT WITH WATER, EMIT FLAMMABLE GASES**

**In contact with water releases flammable gases which may ignite spontaneously**

**In contact with water releases flammable gases**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	as in <b>storage/workplace</b> if allowed	
storage/workplace	Keep container tightly closed. Keep container dry. Keep container in a well-ventilated place.	Keep container dry. Store [in a dry place] [protect from moisture].
use/private	as in <b>use/occupational</b> if allowed	
use/occupational	Keep away from sources of ignition - No smoking. Never add water to this product. In case of fire use... ( <i>indicate in the space the precise type of fire-fighting equipment. If water increases the risk add: Never use water</i> ). Use only in well-ventilated areas.	Keep from any possible contact with [water] [moisture]. Never add water to this product [while in a container because of violent reaction and possible flash fire]. Protect from damage. Handle under nitrogen, [protect from moisture]. Keep away from [sparks] [open flames] [heated surfaces]. No Smoking. Take precautionary measures against static charges. Do not use sparking tools.
personal protection		
medical first aid		
disposal		

**ACUTE TOXICITY: INHALATION****Fatal if inhaled****Toxic if inhaled**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	as in <b>storage/workplace</b> if allowed	
storage/workplace	Keep locked up. Keep in a cool place. Keep container in a well-ventilated place.	Keep locked up. Keep container/package in a [cool] well-ventilated place.
use/private	as in <b>use/occupational</b> if allowed	
use/occupational		Use only with [adequate] [closed system] ventilation. Do not enter areas where used or stored until adequately ventilated.
personal protection	In case of insufficient ventilation wear suitable respiratory equipment. During fumigation/spraying wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacture</i> ).	During fumigation/spraying, wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacturer</i> ). Have available emergency self-contained breathing apparatus or full-face airline respirator when using this chemical. Always wear a self-contained breathing apparatus or full-face airline respirator when using this chemical. Wear a mask or pesticide respirator jointly approved by ... .
medical first aid	In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). In case of accident by inhalation: remove casualty to fresh air and keep at rest.	In case of accident by inhalation, remove casualty to fresh air and keep at rest. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**ACUTE TOXICITY: INHALATION****Harmful if inhaled****(May be harmful if inhaled)**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep container in a well-ventilated place.	Keep out of the reach of children. Keep container in a well-ventilated place.
storage/workplace	Keep container in a well-ventilated place.	Keep container in a well-ventilated place.
use/private	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ <i>(appropriate words to be specified by the manufacturer)</i> . Use only in well-ventilated areas.	Do not breathe [dust] [vapor] [spray mist]. Use only in well ventilated areas.
use/occupational	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ <i>(appropriate words to be specified by the manufacturer)</i> . Use only in well-ventilated areas.	Use adequate ventilation to remove [vapors] [fumes] [dust] etc). Do not breathe [dust] [vapor] [spray mist]. Use only in well ventilated areas.
personal protection		
medical first aid		
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**ACUTE TOXICITY: DERMAL****Fatal in contact with skin****Toxic in contact with skin**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	as in <b>storage/workplace</b> if allowed	
storage/workplace	Keep locked up.	Keep locked up.
use/private	as in <b>use/occupational</b> if allowed	
use/occupational		Wash thoroughly with soap and water after handling. Avoid contact with skin (eyes or clothing). Do not get in eyes (skin) or on clothing.
personal protection	Wear suitable protective clothing. Wear suitable gloves.	Wear suitable [protective clothing] [gloves] [eye/face protection]. Wear protective clothing and gloves <i>(specify protective clothing and type of gloves)</i> . Wear appropriate personal protective equipment, avoid direct contact.
medical first aid	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of... <i>(to be specified by the manufacturer)</i> . In case of accident or if you feel unwell seek medical advice immediately <i>(show the label where possible)</i>	After contact with skin, take off immediately all contaminated clothing and flush skin with fresh water. Obtain medical attention immediately. Wash contaminated clothing before reuse.
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**ACUTE TOXICITY: DERMAL****Harmful in contact with skin****(May be harmful in contact with skin)**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children.
storage/workplace		
use/private	<i>Avoid contact with skin.</i>	Avoid contact with skin [eyes] [clothing]. Do not get on skin [in eyes] [on clothing].
use/occupational	<i>Avoid contact with skin</i>	Avoid contact with skin [eyes] [clothing]. Do not get on skin [in eyes] [on clothing].
personal protection	Wear suitable gloves.	Wear suitable [protective clothing] [gloves] [eye/face protection].
medical first aid		Wash the contaminated area of body with soap and fresh water. Take off contaminated clothing.
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**ACUTE TOXICITY: ORAL****Fatal if swallowed****Toxic if swallowed**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	as in <b>storage/workplace</b> if allowed	
storage/workplace	Keep locked up. Keep away from food, drink and animal feedingstuffs.	Keep locked up. Keep only in the original container. Keep away from food, drink, and animal feedstuffs.
use/private	as in <b>use/occupational</b> if allowed	
use/occupational	When using do not eat or drink. Do not breathe dust.	When using do not [smoke] [eat] [drink]. Wash hands before [eating] [drinking] [smoking]. Wash thoroughly after handling.
personal protection		
medical first aid	In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)	If swallowed, [seek medical advice immediately and show this container or label]. If conscious, [rinse mouth with water] [give (fluid to be specified by manufacturer) to drink].
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**ACUTE TOXICITY: ORAL****Harmful if swallowed****(May be harmful) if swallowed**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.	Keep away from food, drink, and animal feedstuffs.
storage/workplace	Keep away from food, drink and animal feedingstuffs.	Keep away from food, drink, and animal feedstuffs.
use/private	<i>When using do not eat or drink.</i>	When using do not [eat] [drink]. Wash hands before [eating] [drinking] [smoking]. Wash thoroughly after handling.
use/occupational		
personal protection		
medical first aid	If swallowed, seek medical advice immediately and show this container or label.	If swallowed, seek medical advice immediately and show this container or label.
disposal	Dispose of this material and its container to hazardous or special waste collection point.	



**SKIN CORROSION/IRRITATION****Causes severe skin burns and eye damage**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep locked up. Keep out of the reach of children.	Keep locked up. Keep out of the reach of children.
storage/workplace		
use/private	When using do not eat or drink. Do not breathe dust. Do not breathe gas/fumes/spray vapours/ <i>(appropriate words to be specified by the manufacturer).</i>	When using do not [eat] [drink]. Do not breathe [dust] [vapor] [spray mist].
use/occupational	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ <i>(appropriate words to be specified by the manufacturer).</i>	Do not breathe [dust] [vapor] [spray mist].
personal protection	Wear suitable protective clothing. Wear suitable gloves. Wear eye/face protection.	Wear suitable [protective clothing] [gloves] [eye/face protection]. Wear protective clothing and gloves <i>(specify protective clothing and type of gloves).</i> Wear appropriate personal protective equipment, avoid direct contact.
medical first aid	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of... <i>(to be specified by the manufacturer).</i> If swallowed, rinse mouth with water, <i>(only if the person is conscious).</i>	After contact with skin, take off immediately all contaminated clothing and flush skin with fresh water. Wash contaminated clothing before reuse. If swallowed, rinse mouth with water [give (fluid to be specified by manufacturer) to drink]. Do not induce vomiting. In case of contact with eyes, hold eyelids apart and rinse immediately with plenty of water. Remove contact lenses if worn. In case of accident by inhalation, remove casualty to fresh air and keep at rest. If irritation develops and persists, get medical attention.
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**SKIN CORROSION/IRRITATION****Causes skin irritation****(Causes mild skin irritation)**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children.
storage/workplace		
use/private		
use/occupational		
personal protection	Wear suitable gloves.	Wear suitable gloves.
medical first aid		
disposal		

**SEVERE EYE DAMAGE/EYE IRRITATION****Causes severe eye damage**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children.
storage/workplace		
use/private		
use/occupational		
personal protection	Wear eye/face protection.	Wear suitable eye/face protection.
medical first aid	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	In case of contact with eyes, hold eyelids apart and rinse immediately with plenty of water. Remove contact lenses if worn. Get medical attention if eye irritation develops or persists.
disposal		

**SEVERE EYE DAMAGE/EYE IRRITATION****Causes severe eye irritation****Causes eye irritation**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children.
storage/workplace		
use/private		
use/occupational		
personal protection		
medical first aid	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	In case of contact with eyes, hold eyelids apart and rinse immediately with plenty of water. Remove contact lenses if worn. Get medical attention if eye irritation develops or persists.
disposal		

**RESPIRATORY SENSITIZATION****May cause allergy or asthma symptoms or breathing difficulties if inhaled**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children.
storage/workplace		
use/private	Use only in well-ventilated areas. Do not breathe dust. Do not breathe gas/fumes/spray vapours/ <i>(appropriate words to be specified by the manufacturer).</i>	Use only in well ventilated areas. Do not breathe [dust, vapor or spray mist].
use/occupational	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ <i>(appropriate words to be specified by the manufacturer).</i>	Do not breathe [dust, vapor or spray mist]. Use only with [adequate] [closed system] ventilation. Do not enter areas where used or stored until adequately ventilated.
personal protection	During fumigation/spraying wear suitable respiratory equipment <i>(appropriate wording to be specified by the manufacture).</i>	During fumigation/spraying, wear suitable respiratory equipment <i>(appropriate wording to be specified by the manufacturer).</i> Always wear a self-contained breathing apparatus or full-face airline respirator when using this chemical. Wear a mask or pesticide respirator jointly approved by ... .
medical first aid	In case of accident or if you feel unwell seek medical advice immediately <i>(show the label where possible)</i> In case of accident by inhalation: remove casualty to fresh air and keep at rest.	In case of accident by inhalation, remove casualty to fresh air and keep at rest. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**DERMAL SENSITIZATION****May cause allergic skin reaction**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children.	Keep out of the reach of children.
storage/workplace		
use/private		
use/occupational		
personal protection	Wear suitable protective clothing. Wear suitable gloves.	Wear suitable [protective clothing] [gloves]. Wear protective clothing and gloves ( <i>specify protective clothing and type of gloves</i> ). Wear appropriate personal protective equipment, avoid direct contact.
medical first aid		Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
disposal		

**TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)****Cat 1 Causes damage to <> if <<>>****Cat 2 May cause damage to <> if <<>>**

<> state all organs affected, or use a general statement where there is no definite evidence that other organs are not affected.

<<>> state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard.

Cat 1: It is assumed that Precautionary Statements can be derived from the corresponding Categories 1 to 3 of the Acute Toxicity Hazard Classes.

Cat 2: It is assumed that Precautionary Statements can be derived from the corresponding Category 4 of the Acute Toxicity Hazard Classes.

**TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)****Cat 1 Causes <> damage through prolonged or repeated exposure <<>>****Cat 2 May cause <> damage through prolonged or repeated exposure <<>>**

<> state all organs affected, or use a general statement where there is no definite evidence that other organs are not affected.

<<>> state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard.

Cat 1: It is assumed that Precautionary Statements can be derived from the corresponding Categories 1 to 3 of the Acute Toxicity Hazard Classes. EU provides the mandatory S36 (Wear suitable protective clothing) in any case for Supply & Use.

Cat 2: It is assumed that Precautionary Statements can be derived from the corresponding Category 4 of the Acute Toxicity Hazard Classes.

**CARCINOGENICITY**

**May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	not allowed	
storage/workplace		
use/private	not allowed	
use/occupational	Avoid exposure - Obtain special instructions before use.	
personal protection		
medical first aid	In case of accident or if you feel unwell seek medical advice immediately ( <i>show the label where possible</i> ).	
disposal	Dispose of this material and its container to .... ( <i>to be specified by the manufacturer</i> ).	

**CARCINOGENICITY**

**Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.
storage/workplace		
use/private	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ ( <i>appropriate words to be specified by the manufacturer</i> ).	Do not breathe [dust] [vapor] [spray mist].
use/occupational	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ ( <i>appropriate words to be specified by the manufacturer</i> ).	Use adequate ventilation to remove [vapors] [fumes] [dust] etc). Do not breathe [dust] [vapor] [spray mist].
personal protection	Wear suitable protective clothing. Wear suitable gloves. In case of insufficient ventilation wear suitable respiratory equipment. During fumigation/spraying, wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacturer</i> ).	Wear suitable [protective clothing] [gloves]. Wear protective clothing and gloves ( <i>specify protective clothing and type of gloves</i> ). In case of insufficient ventilation, wear suitable respiratory equipment. During fumigation/spraying, wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacturer</i> ).
medical first aid		
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**GERM CELL MUTAGENICITY**

**May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	not allowed	
storage/workplace		
use/private	not allowed	
use/occupational	Avoid exposure - Obtain special instructions before use.	
personal protection		
medical first aid	In case of accident or if you feel unwell seek medical advice immediately ( <i>show the label where possible</i> ).	
disposal	Dispose of this material and its container to .... ( <i>to be specified by the manufacturer</i> ).	

**GERM CELL MUTAGENICITY**

**Suspected of causing genetic defects  
(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.
storage/workplace		
use/private	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ ( <i>appropriate words to be specified by the manufacturer</i> ).	Do not breathe [dust] [vapor] [spray mist].
use/occupational	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ ( <i>appropriate words to be specified by the manufacturer</i> ).	Use adequate ventilation to remove [vapors] [fumes] [dust] etc). Do not breathe [dust] [vapor] [spray mist].
personal protection	Wear suitable protective clothing. Wear suitable gloves. In case of insufficient ventilation wear suitable respiratory equipment. During fumigation/spraying, wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacturer</i> ).	Wear suitable [protective clothing] [gloves]. Wear protective clothing and gloves ( <i>specify protective clothing and type of gloves</i> ). In case of insufficient ventilation, wear suitable respiratory equipment. During fumigation/spraying, wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacturer</i> ).
medical first aid		
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**TOXIC TO REPRODUCTION**

**May damage fertility or the unborn child**  
**(state specific effect if known or route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	not allowed	
storage/workplace		
use/private	not allowed	
use/occupational	Avoid exposure - Obtain special instructions before use.	
personal protection		
medical first aid	In case of accident or if you feel unwell seek medical advice immediately ( <i>show the label where possible</i> ).	
disposal	Dispose of this material and its container to .... ( <i>to be specified by the manufacturer</i> ).	

**TOXIC TO REPRODUCTION**

**Suspected of damaging fertility or the unborn child**  
**(state specific effect if known or route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.	Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.
storage/workplace		
use/private	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ ( <i>appropriate words to be specified by the manufacturer</i> ).	Do not breathe [dust] [vapor] [spray mist].
use/occupational	Do not breathe dust. Do not breathe gas/fumes/spray vapours/ ( <i>appropriate words to be specified by the manufacturer</i> ).	Use adequate ventilation to remove [vapors] [fumes] [dust] etc). Do not breathe [dust] [vapor] [spray mist].
personal protection	Wear suitable protective clothing. Wear suitable gloves. In case of insufficient ventilation wear suitable respiratory equipment. During fumigation/spraying, wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacturer</i> ).	Wear suitable [protective clothing] [gloves]. Wear protective clothing and gloves ( <i>specify protective clothing and type of gloves</i> ). In case of insufficient ventilation, wear suitable respiratory equipment. During fumigation/spraying, wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacturer</i> ).
medical first aid		
disposal	Dispose of this material and its container to hazardous or special waste collection point.	

**Additional Category                      Effects on or via lactation**

May cause harm to breast-fed children

*Criteria under development; Precautionary Statements not yet determined.*

**AQUATIC TOXICITY (ACUTE)****Very toxic to aquatic life****Toxic to aquatic life**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home		
storage/workplace		
use/private		
use/occupational		
personal protection		
medical first aid		
disposal	This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/Safety data sheet.	Dispose of this material and its container as hazardous waste. Do not empty into drains. Do not allow into any sewer on the ground, or into any body of water. Refer to manufacturer/supplier for information on recovery/recycling.

**AQUATIC TOXICITY (ACUTE)****Harmful to aquatic life**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
disposal	This material and its container must be disposed of as hazardous waste.	Dispose of this material and its container as hazardous waste.



**AQUATIC TOXICITY (CHRONIC)****Very toxic to aquatic life with long lasting effects****Toxic to aquatic life with long lasting effects****Harmful to aquatic life with long lasting effects**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
storage/home		
storage/workplace		
use/private		
use/occupational		
personal protection		
medical first aid		
disposal	This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/Safety data sheet.	Dispose of this material and its container as hazardous waste. Do not empty into drains. Do not allow into any sewer on the ground, or into any body of water. Refer to manufacturer/supplier for information on recovery/recycling.

**AQUATIC TOXICITY (CHRONIC)****May cause long lasting harmful effects to aquatic life**

<b>Precautionary Statements</b>	<b>EU Phrases according to Directive 67/548/EEC</b>	<b>from IPCS CSC</b>
disposal	This material and its container must be disposed of as hazardous waste.	Dispose of this material and its container as hazardous waste.