

**P.U.(A) 143/97**  
**OCCUPATIONAL SAFETY AND HEALTH (CLASSIFICATION, PACKAGING AND LABELLING**  
**OF HAZARDOUS CHEMICALS) REGULATIONS 1997**

---

**SCHEDULE III**

(Paragraph 7(1)(d))

**RISK PHRASES**

<b>A.</b>	<b>Indication of Special Risks</b>
R1.	Explosive when dry
R2.	Risk of explosion by shock, friction, fire or other sources of ignition
R3.	Extreme risk of explosion by shock, friction, fire or other sources of ignition
R4.	Forms very sensitive explosive metallic compound
R5.	Heating may cause explosion
R6.	Explosive with or without contact with air
R7.	May cause fire
R8.	Contact with combustible material may cause fire
R9.	Explosive when mixed with combustible material
R10.	Flammable
R11.	Highly flammable
R12.	Extremely flammable
R13.	Extremely flammable liquefied gas
R14.	Reacts violently with water
R15.	Contact with water liberates highly flammable gases
R16.	Explosive when mixed with oxidising substances
R17.	Spontaneously flammable in air
R18.	In use, may form flammable/explosive vapour-air mixture
R19.	May form explosive peroxides
R20.	Harmful by inhalation
R21.	Harmful in contact with skin
R22.	Harmful if swallowed
R23.	Toxic by inhalation
R24.	Toxic in contact with skin
R25.	Toxic if swallowed
R26.	Very toxic by inhalation
R27.	Very toxic in contact with skin

R28.	Very toxic if swallowed
R29.	Contact with water liberates toxic gas
R30.	Can become highly flammable in use
R31.	Contact with acid liberates toxic gas
R32.	Contact with acid liberates very toxic gas
R33.	Danger of cumulative effects
R34.	Causes burns
R35.	Causes severe burns
R36.	Irritating to eyes
R37.	Irritating to respiratory system
R38.	Irritating to skin
R39.	Danger of very serious irreversible effects
R40.	Possible risk of irreversible effects
R41.	Risk of serious damage to eyes
R42.	May cause sensitisation by inhalation
R43.	May cause sensitisation by skin contact
R44.	Risk of explosion if heated under confinement
R45.	May cause cancer
R46.	May cause heritable genetic damage
R47.	May cause birth defects
R48.	Danger of serious damage to health by prolonged exposure
R49.	May cause cancer by inhalation
R50.	Very toxic to aquatic organisms
R51.	Toxic to aquatic organisms
R52.	Harmful to aquatic organisms
R53.	May cause long term adverse effects in the aquatic environment
R54.	Toxic to flora
R55.	Toxic to fauna
R56.	Toxic to soil organisms
R57.	Toxic to bees
R58.	May cause long term adverse effects in the environment
R59.	Dangerous for ozone layer
<b>B.</b>	<b>Combination of Special Risks</b>
R14/15.	Reacts violently with water, liberating highly flammable gases
R15/29.	Contact with water liberates toxic, highly flammable gas
R20/21.	Harmful by inhalation and in contact with skin

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
.	.
R20/22.	Harmful by inhalation and if swallowed
R21/22.	Harmful in contact with skin and if swallowed
R23/24.	Toxic by inhalation and in contact with skin
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
.	.
R23/25.	Toxic by inhalation and if swallowed
R24/25.	Toxic in contact with skin and if swallowed
R26/27.	Very toxic by inhalation and in contact with skin
R26/27/28	Very toxic by inhalation, in contact with skin and if swallowed
.	
R26/28.	Very toxic by inhalation and if swallowed
R27/28.	Very toxic in contact with skin and if swallowed
R36/37.	Irritating to eyes and respiratory system
R36/37/	Irritating to eyes, respiratory system and skin
38.	.
R36/38.	Irritating to eyes and skin
R37/38.	Irritating to respiratory system and skin
R39/23.	Toxic-danger of very serious irreversible effects through inhalation
.	
R39/23/	Toxic-danger of very serious irreversible effects through inhalation and in contact with skin
24.	
R39/23/	Toxic-danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
24/25.	
R39/23/	Toxic-danger of very serious irreversible effects through inhalation and if swallowed
25.	
R39/24.	Toxic-danger of very serious irreversible effects in contact with skin
.	
R39/24/	Toxic-danger of very serious irreversible effects in contact with skin and if swallowed
25.	
R39/25.	Toxic-danger of very serious irreversible effects if swallowed
.	
R39/26.	Very toxic-danger of very serious irreversible effects through inhalation
.	
R39/26/	Very toxic-danger of very serious irreversible effects through inhalation and in contact with skin
27.	
R39/26/	Very toxic-danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
27/28.	

R39/26/ 28.	Very toxic-danger of very serious irreversible effects through inhalation and if swallowed
R39/27. .	Very toxic-danger of very serious irreversible effects in contact with skin
R39/27/ 28.	Very toxic-danger of very serious irreversible effects in contact with skin and if swallowed
R39/28. .	Very toxic -danger of very serious irreversible effects if swallowed
R40/20. .	Harmful- possible risk of irreversible effects through inhalation
R40/20/21 .	Harmful- possible risk of irreversible effects through inhalation and in contact with skin
R40/20/ 21/22.	Harmful- possible risk of irreversible effects through inhalation, in contact with skin and if swallowed
R40/20/ 22.	Harmful- possible risk of irreversible effects through inhalation and if swallowed
R40/21. .	Harmful- possible risk of irreversible effects in contact with skin
R40/21/ 22.	Harmful- possible risk of irreversible effects in contact with skin and if swallowed
R40/22.	Harmful- possible risk of irreversible effects if swallowed
R42/43.	May cause sensitisation by inhalation and skin contact
R48/20. .	Harmful- danger of serious damage to health by prolonged exposure
R48/20/ 21.	Harmful- danger of serious damage to health by prolonged exposure through inhalation and in contact with skin
R48/20/ 21/22.	Harmful- danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if
. .	swallowed
R48/20/ 22.	Harmful- danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R48/21. .	Harmful- danger of serious damage to health by prolonged exposure and in contact with skin
R48/21/ 22.	Harmful- danger of serious damage to health by prolonged exposure, in contact with skin and-if swallowed
R48/22. .	Harmful- danger of serious damage to health by prolonged exposure and if swallowed
R48/23. .	Toxic- danger of serious damage to health by prolonged exposure through inhalation

R48/23/	Toxic- danger of serious damage to health by prolonged
24.	exposure through inhalation and in contact with skin
R48/23/	Toxic-danger of serious damage to health by prolonged
24/25.	exposure through inhalation, in contact with skin and if
.	swallowed
R48/23/	Toxic-danger of serious damage to health by prolonged
25.	exposure through inhalation and if swallowed
R48/24.	Toxic-danger of serious damage to health by prolonged
.	exposure and in contact with skin
R48/24/	Toxic-danger of serious damage to health by prolonged
25.	exposure, in contact with skin and if swallowed
R48/25.	Toxic-danger of serious damage to health by prolonged
.	exposure and if swallowed