Risk Phrase Codes

R1: Explosive when dry.

R2: Risk of explosion by shock, friction, fire or other source of ignition.

R3: Extreme risk of explosion by shock, friction, fire or other sources of ignition.

R4: Forms very sensitive explosive metallic compounds.

R5: Heating may cause an 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 extremely flammable gases.

R16: Explosive when mixed with oxidizing substances.

R17: Spontaneously flammable in air.

R18: In use, may form inflammable/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 acids 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: Limited evidence of a carcinogenic effect.

R41: Risk of serious damage to the eyes.

R42: May cause sensitization by inhalation.

R43: May cause sensitization 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 to the ozone layer.

R60: May impair fertility.

R61: May cause harm to the unborn child.

R62: Risk of impaired fertility.

R63: Possible risk of harm to the unborn child.

R64: May cause harm to breastfed babies.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

R68: Possible risk of irreversible effects.

14/15: Reacts violently with water, liberating extremely flammable gas

15/29: Contact with water liberates toxic, extremely flammable gas

20/21: Harmful by inhalation and in contact with skin

20/21/22: Harmful by inhalation, in contact with skin and if swallowed

20/22: Harmful by inhalation and if swallowed

21/22: Harmful in contact with skin and if swallowed

23/24: Toxic by inhalation and in contact with skin

23/24/25: Toxic by inhalation, in contact with skin and if swallowed

23/25: Toxic by inhalation and if swallowed

24/25: Toxic in contact with skin and if swallowed

26/27: Very toxic by inhalation and in contact with skin

26/27/28: Very toxic by inhalation, in contact with skin and if swallowed

26/28: Very toxic by inhalation and if swallowed

27/28: Very toxic in contact with skin and if swallowed

36/37: Irritating to eyes and respiratory system

36/37/38: Irritating to eyes, respiratory system and skin

36/38: Irritating to eyes and skin

37/38: Irritating to respiratory system and skin

39/23: Toxic: danger of very serious irreversible effects through inhalation

39/23/24: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin

39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

39/23/25: Toxic: danger of very serious irreversible effects through inhalation and if swallowed

39/24: Toxic: danger of very serious irreversible effects in contact with skin

39/24/25: Toxic: danger of very serious irreversible effects in contact with skin and if swallowed

39/25: Toxic: danger of very serious irreversible effects if swallowed

39/26: Very toxic: danger of very serious irreversible effects through inhalation

39/26/27: Very toxic: danger of very serious irreversible effects through inhalation and in contact with skin

39/26/27/28: Very toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

39/26/28: Very toxic: danger of very serious irreversible effects through inhalation and if swallowed

39/27: Very toxic: danger of very serious irreversible effects in contact with skin

40/20/21/22: Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed

40/20/22: Harmful: possible risk of irreversible effects through inhalation and if swallowed

40/22: Harmful: possible risk of irreversible effects if swallowed

40/21: Harmful: possible risk of irreversible effects in contact with skin

40/21/22: Harmful: possible risk of irreversible effects in contact with skin and if swallowed

42/43: May cause sensitization by inhalation and skin contact

48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation

48/20/21: Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin

48/20/21/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation, and in contact with skin and if swallowed

48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed

48/21: Harmful: danger of serious damage to health by prolonged exposure in contact with skin

48/21/22: Harmful: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed

48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed

48/23: Toxic: danger of serious damage to health by prolonged exposure through inhalation

48/23/24: Toxic: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin

48/23/24/25: Toxic: danger of serious damage to health by prolonged exposure through inhalation in contact with skin and if swallowed

48/23/25: Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed

48/24: Toxic: danger of serious damage to health by prolonged exposure in contact with skin

48/24/25: Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed

48/25: Toxic: danger of serious damage to health by prolonged exposure if swallowed

50/53: Very toxic to aquatic organisms, may cause long-term adverse effects

51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment