

风险术语(R术语)

风险术语	英文解释	中文解释
R1	Explosive when dry.	干燥时有爆炸性;
R2	Risk of explosion by shock, friction, fire or other sources of ignition.	受冲击、摩擦、着火或其他引燃源有爆炸危险;
R3	Extreme risk of explosion by shock, friction, fire or other sources of ignition.	受冲击、摩擦、着火或其他引燃源有极高爆炸危险;
R4	Forms very sensitive explosive metallic compounds.	生成极敏感的爆炸性金属化合物;
R5	Heating may cause an explosion.	受热可能引起爆炸;
R6	Explosive with or without contact with air.	与空气或未与空气接触发生爆炸;
R7	May cause fire.	可能引起火灾;
R8	Contact with combustible material may cause fire.	与可燃物料接触可能引起火灾;
R9	Explosive when mixed with combustible material.	与可燃物料混合时发生爆炸;
R10	Flammable.	易燃的;
R11	Highly flammable.	高度易燃的;
R12	Extremely flammable.	极易燃的;
R14	Reacts violently with water.	与水猛烈反应;
R14/15	Reacts violently with water, liberating highly flammable gases.	与水猛烈反应, 释放出极易燃气体;
R15	Contact with water liberates extremely flammable gases.	与水接触释放出极易燃气体;
R15/29	Contact with water liberates toxic, highly flammable gas.	与水接触释放出有毒的, 极易燃气体;
R16	Explosive when mixed with oxidizing substances.	与氧化性物质混合时发生爆炸;
R17	Spontaneously flammable in air.	在空气中易自燃;
R18	In use, may form flammable/explosive vapor-air mixture.	使用中可能形成易燃/爆炸性蒸气空气混合物;
R19	May form explosive peroxides.	可能生成爆炸性过氧化物;
R20	Harmful by inhalation.	吸入有害;
R20/21	Harmful by inhalation and in contact with skin.	吸入和与皮肤接触是有害的;
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.	吸入、与皮肤接触和吞食是有害的;
R20/22	Harmful by inhalation and if swallowed.	吸入和吞食是有害的;
R21	Harmful in contact with skin.	与皮肤接触是有害的;
R21/22	Harmful in contact with skin and if swallowed.	与皮肤接触和吞食是有害的;
R22	Harmful if swallowed.	吞食是有害的;
R23	Toxic by inhalation.	吸入有害;
R23/24	Toxic by inhalation and in contact with skin.	吸入和与皮肤接触是有害的;
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.	吸入、与皮肤接触和吞食是有害的;
R23/25	Toxic by inhalation and if swallowed.	吸入和吞食是有害的;
R24	Toxic in contact with skin.	与皮肤接触有毒;
R24/25	Toxic in contact with skin and if swallowed.	与皮肤接触和吞食是有害的;
R25	Toxic if swallowed.	吞食有毒;
R26	Very toxic by inhalation.	吸入有极高毒性;
R26/27	Very toxic by inhalation and in contact with skin.	吸入和与皮肤接触有极高毒性;
R26/27/28	Very toxic by inhalation, in contact with skin and if swallowed.	吸入、与皮肤接触和吞食有极高毒性;
R26/28	Very toxic by inhalation and if swallowed.	吸入和吞食有极高毒性;
R27	Very toxic in contact with skin.	与皮肤接触有极高毒性;
R27/28	Very toxic in contact with skin and if swallowed.	与皮肤接触和吞食有极高毒性;

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R28	Very toxic if swallowed.	吞食有极高毒性;
R29	Contact with water liberates toxic gas.	与水接触释放出有毒气体;
R30	Can become highly flammable in use.	使用会变为高度易燃的;
R31	Contact with acids liberates toxic gas.	与酸接触释放出有毒气体;
R32	Contact with acids liberates very toxic gas.	与酸接触释放出极高毒性气体;
R33	Danger of cumulative effects.	有累积作用危险;
R34	Causes burns.	引起灼伤;
R35	Causes severe burns.	引起严重灼伤;
R36	Irritating to eyes.	刺激眼睛;
R36/37	Irritating to eyes and respiratory system.	刺激眼睛和呼吸系统;
R36/37/38	Irritating to eyes, respiratory system and skin.	刺激眼睛、呼吸系统和皮肤;
R36/38	Irritating to eyes and skin.	刺激眼睛和皮肤;
R37	Irritating to respiratory system.	刺激呼吸系统;
R37/38	Irritating to respiratory system and skin.	刺激呼吸系统和皮肤;
R38	Irritating to skin.	刺激皮肤;
R39	Danger of very serious irreversible effects.	有极严重不可逆作用危险;
R39/23	Toxic: danger of very serious irreversible effects through inhalation.	有毒的:经吸入有极严重不可逆作用危险;
R39/23/24	Toxic: danger of very serious irreversible effects through inhalation and in contact with skin.	有毒的:经吸入和与皮肤接触有极严重不可逆作用危险;
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.	有毒的:经吸入、与皮肤接触和吞食有极严重不可逆作用危险;
R39/23/25	Toxic: danger of very serious irreversible effects through inhalation and if swallowed.	有毒的:经吸入和吞食有极严重不可逆作用危险;
R39/24	Toxic: danger of very serious irreversible effects in contact with skin.	有毒的:与皮肤接触有极严重不可逆作用危险;
R39/24/25	Toxic: danger of very serious irreversible effects in contact with skin and if swallowed.	有毒的:与皮肤接触和吞食有极严重不可逆作用危险;
R39/25	Toxic: danger of very serious irreversible effects if swallowed.	有毒的:吞食有极严重不可逆作用危险;
R39/26	Very toxic: danger of very serious irreversible effects through inhalation.	极高毒性:经吸入有极严重不可逆作用危险;
R39/26/27	Very toxic: danger of very serious irreversible effects through inhalation and in contact with skin.	极高毒性:经吸入和与皮肤接触有极严重不可逆作用危险;
R39/26/27/28	Very toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.	极高毒性:经吸入、与皮肤接触和吞食有极严重不可逆作用危险;
R39/26/28	Very toxic: danger of very serious irreversible effects through inhalation and if swallowed.	极高毒性:经吸入和吞食有极严重不可逆作用危险;
R39/27	Very toxic: danger of very serious irreversible effects in contact with skin.	极高毒性:与皮肤接触有极严重不可逆作用危险;
R39/27/28	Very toxic: danger of very serious irreversible effects in contact with skin and if swallowed.	极高毒性:与皮肤接触和吞食有极严重不可逆作用危险;
R39/28	Very toxic: danger of very serious irreversible effects if swallowed.	极高毒性:吞食有极严重不可逆作用危险;
R40	Possible risks of irreversible effects.	可能有不可逆作用的风险;
R40/20	Harmful: possible risk of irreversible effects through inhalation.	有害的:经吸入可能有不可逆作用的风险;
R40/20/21	Harmful: possible risk of irreversible effects through inhalation and in contact with skin.	有害的:经吸入和与皮肤接触可能有不可逆作用的风险;
R40/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.	有害的:经吸入、与皮肤接触和吞食可能有不可逆作用的风险;

R40/20/22	Harmful: possible risk of irreversible effects through inhalation and if swallowed.	有害的:经吸入和吞食可能有不可逆作用的风险;
R40/21	Harmful: possible risk of irreversible effects in contact with skin.	有害的:与皮肤接触可能有不可逆作用的风险;
R40/21/22	Harmful: possible risk of irreversible effects in contact with skin and if swallowed.	有害的:与皮肤接触和吞食可能有不可逆作用的风险;
R40/22	Harmful : possible risk of irreversible effects if swallowed	有害的:吞食可能有不可逆作用的风险;
R41	Risk of serious damage to eyes.	对眼睛有严重损害的风险;
R42	May cause sensitization by inhalation.	吸入可能引起过敏;
R42/43	May cause sensitization by inhalation and skin contact.	吸入和皮肤接触可能引起过敏;
R43	May cause sensitization by skin contact.	皮肤接触可能引起过敏;
R44	Risk of explosion if heated under confinement.	在封闭情况下加热有爆炸危险;
R45	May cause cancer.	可能致癌;
R46	May cause heritable genetic damage.	可能造成不可逆的遗传损害
R47	May cause birth defects.	可能引起出生缺陷;
R48	Danger of serious damage to health by prolonged exposure.	长期接触有严重损害健康的危险;
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.	有害的:经吸入长期接触有严重损害健康的危险;
R48/20/21	Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.	有害的:经吸入和与皮肤长期接触有严重损害健康的危险;
R48/20/21/22	Harmful : danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed	有害的:经吸入、皮肤和吞食长期接触有严重损害健康的危险;
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.	有害的:经吸入和吞食长期接触有严重损害健康的危险;
R48/21	Harmful: danger of serious damage to health by prolonged exposure in contact with skin.	有害的:经皮肤长期接触有严重损害健康的危险;
R48/21/22	Harmful: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.	有害的:经皮肤和吞食长期接触有严重损害健康的危险;
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.	有害的:吞食长期接触有严重损害健康的危险;
R48/23	Toxic: danger of serious damage to health by prolonged exposure through inhalation.	有毒的:经吸入长期接触有严重损害健康的危险;
R48/23/24	Toxic: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.	有毒的:经吸入和与皮肤长期接触有严重损害健康的危险;
R48/23/24/25	Toxic : danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed	有毒的:经吸入、皮肤和吞食长期接触有严重损害健康的危险;
R48/23/25	Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.	有毒的:经吸入和吞食长期接触有严重损害健康的危险;
R48/24	Toxic: danger of serious damage to health by prolonged exposure in contact with skin.	有毒的:经皮肤长期接触有严重损害健康的危险;
R48/24/25	Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.	有毒的:经皮肤和吞食长期接触有严重损害健康的危险;
R48/25	Toxic: danger of serious damage to health by prolonged exposure if swallowed.	有毒的:吞食长期接触有严重损害健康的危险;
R49	May cause cancer by inhalation.	吸入可能致癌;
R50	Very toxic to aquatic organisms.	对水生生物有极高毒性;
R50/53	Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.	对水生生物有极高毒性,可能在水生环境中造成长期不利影响;
R51	Toxic to aquatic organisms.	对水生生物是有毒的;

R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	对水生生物有毒, 可能在水生环境中造成长期不利影响;
R52	Harmful to aquatic organisms.	对水生生物是有害的;
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	对水生生物有害, 可能在水生环境中造成长期不利影响;
R53	May cause long-term adverse effects in aquatic environment.	可能在水生环境中造成长期不利影响;
R54	Toxic to flora.	对植物群有毒;
R55	Toxic to fauna.	对动物群有毒;
R56	Toxic to soil organisms.	对土壤中生物有毒;
R57	Toxic to bees.	对蜜蜂有毒;
R58	May cause long-term adverse effects in the environment.	可能在环境中造成长期不利影响;
R59	Dangerous for the ozone layer.	对臭氧层有危害;
R60	May impair fertility.	可能损伤生育力;
R61	May cause harm to the unborn child.	可能对未出生婴儿造成危害;
R62	Possible risk of impaired fertility.	可能有损伤生育力的危险;
R63	Possible risk of harm to the unborn child.	可能有损害未出生婴儿的危险;
R64	May cause harm to breastfed babies.	可能对哺乳婴儿造成危害;
R65	Harmful may cause lung damage if swallowed	有害的: 吞食可能造成肺部损害;

说明: 以上内容来源于联网, 由围场元合生物技术研发有限公司整理。