

Reagent	Hazard	GHS Pictogram	Signal Word	H	P	Disposal	
10x TAE	Causes serious eye irritation		Irritant	Warning	H319	P264, P280, P305+P351+P338, P337+P313	
10x TBE	May cause an allergic skin reaction, may damage fertility and unborn child		Irritant, Health Hazard	Danger	H317, H360fd, H410	P202, P261, P273, P280, P302+P352, P308+P313	
Acetone	Highly flammable liquid and vapor, causes serious eye irritation, may cause drowsiness or dizziness		Irritant, Flammable	Danger	H225, H319, H336, EUH066	P210, P305+P351+P338	
Ammonium chloride	Harmful if swallowed, causes serious eye irritation		Irritant	Warning	H302, H319	P264, P270, P280, P301+P330+P331, P305+P351+P338, P312, P337+P313, P501	
Ammonium sulphate	Not hazardous			N/A	N/A	N/A	
Ampicillin sodium	May cause an allergic skin reaction or breathing difficulties		Health Hazard	Danger	H317, H334	P261, P272, P280, P284, P302+P352, P333+P313	
APTMS	Causes skin and serious eye irritation		Corrosive	Danger	H315, H318	P264, P280, P302 + P352, P305 + P351 + P338, P332 + P313, P362 + P364	
Bleach	May be corrosive to metals, causes severe skin burns and eye damage, contact with acids liberates toxic gas		Corrosive, Environment	Danger	H290, H314, H400, H410, EUH031	P234, P273, P280, P303+P361+P353, P304+P340+P310, P305+P351+P338	
Boric acid	May damage fertility or unborn child		Health Hazard	Danger	H360fd	P201, P202, P280, P308+P313, P405, P501	
Calcium Chloride	Causes serious eye irritation		Irritant	Warning	H319	P264, P280, P305+P351+P338, P337+P313	
Carbenicillin disodium	May cause an allergic skin reaction or breathing difficulties		Health Hazard	Danger	H317, H334	P261, P272, P280, P284, P302+P352, P333+P313	
Chloroform	Harmful if swallowed, causes skin and serious eye irritation, toxic if inhaled, may cause drowsiness or dizziness		Toxic, Health Hazard	Danger	H302, H315, H319, H331, H336, H351, H361d, H372	P260, P280, P302+P352, P304+P340, P305+P351+P338, P311	
cOmplete Protease Inhibitor Cocktail	Causes severe skin burns and eye damage		Corrosive	Danger	H314	P260, P280, P301+P330+P331, P303+P361+P353, P304+P340+P310, P305+P351+P338+P310	
DNase	Causes skin and serious eye irritation, may cause an allergic skin reaction or breathing difficulties		Irritant, Health Hazard	Danger	H315, H319, H334	P261, P272, P280, P284, P302+P352, P305+P351+P338	
DTT (Dithiothreitol)	Harmful if swallowed, causes skin and serious eye irritation, may form combustible dust concentrations in air		Irritant, Corrosive	Danger	H302, H315, H318	P264, P280, P301+P312, P302+P352, P305+P351+P338, P332+P313	
EDTA	Harmful if swallowed or inhaled, causes serious eye damage, may cause damage to organs		Irritant, Corrosive, Health Hazard	Danger	H302+H332, H318, H373	P260, P280, P301+P312, P304+P340+P312, P305+P351+P338, P314	
Ethanol	Highly flammable liquid and vapor, causes serious eye irritation, may cause damage to organs		Irritant, Flammable, Health Hazard	Danger	H225, H319, H371	P210, P233, P240, P241, P305+P351+P338, P308+P311	
Ethidium Bromide	Harmful if swallowed, fatal if inhaled, suspected of causing genetic defects		Toxic, Health Hazard	Danger	H302, H330, H341	P202, P260, P264, P271, P301+P312, P304+P340+P310	Into gel destaining bucket
FITC	May cause an allergic skin reaction or breathing difficulties		Health Hazard	Danger	H317, H334	P261, P272, P280, P284, P302+P352, P333+P313	
GelRed	Not hazardous			N/A	N/A	N/A	Into gel destaining bucket
Guanidine thiocyanate	Harmful if swallowed, in contact with skin, or inhaled, contact with acids liberates very toxic gas, corrosive to the respiratory tract		Irritant, Corrosive	Danger	H302+H312+H332, H314, H412, EUH032, EUH071	P280, P301+P330+P331, P303+P361+P353, P304+P340, P305+P351+P338, P310	
Hydrochloric acid	May be corrosive to metals, causes severe skin burns and eye damage, may cause respiratory irritation		Irritant, Corrosive	Danger	H290, H314, H335	P234, P261, P271, P280, P304+P340, P303+P361+P353, P305+P351+P338, P310	
Hygromycin B	May cause an allergic skin reaction or breathing difficulties, causes serious eye damage, fatal if swallowed, in contact with skin, or inhaled		Toxic, Corrosive, Health Hazard	Danger	H317, H318, H334, H300+H310+H330	P280, P302+P352, P304+P340, P305+P351+P338, P310, P330	
Imidazole	Harmful if swallowed, causes severe skin burns and eye damage, may damage the unborn child		Irritant, Corrosive, Health Hazard	Danger	H302, H314, H360d	P260, P280, P301+P312, P303+P361+P353, P304+P340+P310, P305+P351+P338	
IPTG (Isopropyl β-D-1-thiogalactopyranoside)	Not hazardous			N/A	N/A	N/A	
Isopropanol	Highly flammable liquid and vapor, causes serious eye irritation, may cause drowsiness or dizziness		Irritant, Flammable	Danger	H225, H319, H336	P210, P233, P240 P241, P242, P261, P280, P305+P351+P338	
Kanamycin sulfate	May cause an allergic skin reaction or breathing difficulties, may damage the unborn child		Health Hazard	Danger	H317, H334, H360d	P201, P261, P308+P313, P342+P311, P304+P340, P405, P501	
L-Arabinose	Not hazardous			N/A	N/A	N/A	
Lysozyme	May cause breathing difficulties		Health Hazard	Danger	H334	P261, P284, P304+P340, P342+P311, P501	
MES	Not hazardous			N/A	N/A	N/A	
NuPAGE MES SDS Running Buffer	Not hazardous			N/A	N/A	N/A	

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Potassium acetate	Not hazardous		N/A	N/A	N/A	
Potassium nitrate	May intensify fire, oxidizer		Warning	H272	P210, P220	
SDS (Sodium dodecylsulphate)	Flammable solid, harmful if swallowed or inhaled, causes skin and serious eye irritations, may cause respiratory irritation		Danger	H228, H301+H332, H315, H318, H335, H412	P210, P273, P280, P310, P301+P330+P331, P301+P312, P304+P340+P312, P305+P351+P338	
Sodium hydroxide	May be corrosive to metals, causes severe skin burns and eye damage		Danger	H290, H314	P234, P260, P280, P303+P361+P353, P304+P340+P310, P305+P351+P338	
Spectinomycin dihydrochloride pentahydrate	Causes skin and serious eye irritation, may cause respiratory irritation		Warning	H315, H319, H335	P261, P264, P271, P280, P302+P352, P305+P351+P338	
Streptomycin sulphate	Harmful if swallowed, suspected of damaging fertility and unborn child		Warning	H302, H317, H361fd	P201, P261, P264, P270, P280, P301+P312, P302+P353, P308+P313	
Sucrose	Not hazardous		N/A	N/A	N/A	
Sulfo NHS	Not hazardous		N/A	N/A	N/A	
Tetracycline hydrochloride	Causes skin and serious eye irritation, suspected of damaging fertility and unborn child		Warning	H315, H319, H335, H361fd, H410	P202, P261, P273, P302+P352, P305+P351+P338, P308+P313	Chemical Waste
Thioflavin T	Toxic if swallowed, causes serious eye damage		Danger	H301, H317, H318, H410	P261, P273, P280, P301+P310, P301+P330+P331, P302+P352, P305+P351+P338	Chemical Waste
Tris	Not hazardous		N/A	N/A	N/A	
Trizol	Toxic if swallowed/in contact of skin, causes severe skin burns and eye damage		Danger	H301, H311, H314, H318, H332, H341, H373, H412	P201, P260, P264, P270, P280, P301+P310, P302+P352, P303+P361+P353, P304+P340, P305+P351+P338, P501	To approved waste disposal
Tween 20	Not hazardous		N/A	N/A	N/A	