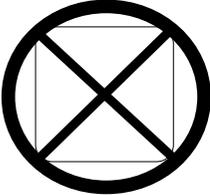
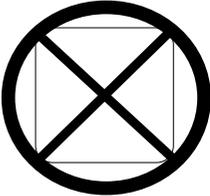


Collection and classification of **ORGANIC** liquid waste A from experimental facilities

Class	Group /Contents	Container	Remarks
1	WASTE ORGANIC SOLVENTS Hydrocarbons, alcohols, ketones, aldehydes, esters, weak acids, amines, gas oil, kerosene, etc.	White 20L	Waste solvent with flash point lower than 70°C. Water content should be below 50 %. Waste organic solvents should be free from slightly and non combustible organic solvents and waste oil groups.
4	DILUTE AQUEOUS ORGANIC SOLUTIONS Aqueous organic acid solutions Dilute aqueous organic solvents (alcohols, formalin, amines, etc.) Ethers(diethyl ether, tetrahydrofuran, dioxane, dimethoxyethane, etc.) Collodion Carbon disulphide Aqueous organic solutions containing metals Photographic developer	White 20L	Water content should be greater than 50 % Content of compounds having formaldehyde or praformaldehyde should be less than 4%. Ethers should be diluted with over 20-folds of water and mixed with no other waste solvents. Collodion content should be less than 1 %. Convert carbon disulphide to xanthate or dithiocarbamate and dissolve in water. Add sodium carbonate or sodium hydroxide to the optimum pH, allow to stand and filter off, treat precipitate as inorganic sludge, treat filtrate as dilute organic aqueous solutions group. (see note 5) Fixer and developer should be stored in separate containers.
Do not store in container 			More than 250 mg of total heavy metals . Especially mercury and mercury compounds. More than 10% of other inorganic compounds . Especially more than 1% of fluoride and their inorganic and organic compounds.. Precipitate and sludge. Polychlorinated biphenyls (PCB) , Polychlorinated naphthalene (chlorine number more than 3) and Hexachlorobenzene ; they should be carefully stored at the user's laboratory. Explosive substances by self-decomposition, such as polynitrocompounds peroxides, etc. Highly reactive and dangerous substances, such as styrene monomer, etc.

Collection and classification of **ORGANIC** liquid waste B from experimental facilities

Class	Group /Contents	Container	Remarks
2	SLIGHTLY and NON COMBUSTIBLE ORGANIC SOLVENTS Chloroform, carbon tetrachloride, dichloromethane, etc.	White 8L	Slightly and non combustible organic solvents should be free from CN compounds such as acetonitrile, etc.
3	WASTE OILS Machine oils, etc.	White 8L	Waste oil with flash point higher than 70°C Waste oils should be free from CN compounds such as acetonitrile, etc. Waste oils should be free from slightly and non combustible organic solvents group.
5	Photographic fixer	White 8L	Fixer and developer should be stored in separate containers.
Do not store in container 			Total heavy metals and mercury , mercury compounds. More than 10% of other inorganic compounds . Especially more than 1% of fluoride and their inorganic and organic compounds.. Precipitate and sludge. Polychlorinated biphenyls (PCB) , Polychlorinated naphthalene (chlorine number more than 3) and Hexachlorobenzene ; they should be carefully stored at the user's laboratory. Explosive substances by self-decomposition, such as polynitrocompounds peroxides, etc. Highly reactive and dangerous substances , such as styrene monomer, etc.