

CATEGORY/FAMILY	CHEMICAL	Ninja PVChem		Frontier ChemiTouch		Ninja NitraChem	
		BTT	CLASS	BTT	CLASS	BTT	CLASS
Acid	ACRYLIC ACID	58	2	60	2	132	4
Acid	BATTERY ACID	>480	6	>480	6	>480	6
Acid	CITRIC ACID (30%)	>480	6	>480	6	>480	6
acid	CRESYLIC ACID	>480	6	x			
Acid	MURIATIC ACID	>480	6	>480	6	>480	6
Acid	OLEIC ACID	>480	6	>480	6	>480	6
Acid	Palmitic Acid	>480	6	>480	6	>480	6
Acidic anhydride	CHROMIUM TRIOXIDE	>480	6	>480	6	>480	6
Alcohol	1-BUTANOL (BUTYL ALCOHOL)	>480	6	<120	3	>480	6
Alcohol	1-PROPANOL (PROPYL ALCOHOL)			>480	6	>480	6
Alcohol	AMYL ACETATE					89	3
Alcohol	BUTOXY PROPANOL	>480	6	>240	4		
Alcohol	DIACETONE ALCOHOL	>480	6	<10	0	>480	6
Alcohol	ETHYL ALCOHOL (ETHANOL)(90%)	45	2	>480	6	72	3
Alcohol	ETHYLENE GLYCOL	>480	6	>480	6	>480	6
Alcohol	GLYCERINE	>480	6				
Alcohol	ISO BUTYL ALCOHOL (2-BUTANOL)					>480	6
Alcohol	ISO PROPYL ALCOHOL (2-PROPANOL)			>480	6	>480	6
Alcohol	ISOAMYL ALCOHOL					>480	6
Alcohol	METHANOL (METHYL ALCOHOL)	36	2	<120	3	129	4
Alcohol	n-AMYL ALCOHOL	172	4			397	5
Alcohol	n-OCTANOL	>480	6			>480	6
Aldehyde	ACETALDEHYDE	24	1			24	1
Aldehyde	BENZALDEHYDE	66	3			40	2
Aldehyde	FORMALDEHYDE (37%)	>480	6	>480	6	>480	6
Aldehyde	FURFURAL	65	3			61	3
Aliphatic hydrocarbons	DIESEL	>480	6	>480	6	>480	6
Aliphatic hydrocarbons	KEROSENE	>480	6	>480	6	>480	6
Aliphatic hydrocarbons	NAPHTHA (SHELLSOL A)	45	2	>480	6	71	3
Aliphatic hydrocarbons	n-HEXANE	54	2	>480	6	>480	6
Aliphatic hydrocarbons	TRICHLOROETHANE (GENKLENE)			<30	1		
Aliphatic hydrocarbons	UNLEADED PETROL	40	2			246	5
Alkali	AMMONIUM HYDROXIDE (< 30 %)	>480	6	>480	6		
Alkali	AMMONIUM HYDROXIDE (35%)	>480	6	>480	6	>480	6
Alkali	POTASSIUM HYDROXIDE (CAUSTIC POTASH) (Saturated)					>480	6
Alkali	POTASSIUM HYDROXIDE (CAUSTIC POTASH) 40%					>480	6
Alkali	POTASSIUM HYDROXIDE (CAUSTIC POTASH) 45%	>480	6	>480	6	>480	6
Alkali	POTASSIUM HYDROXIDE (CAUSTIC POTASH) 50%	>480	6	>480	6	>480	6
Alkali	SODIUM HYDROXIDE (CAUSTIC SODA) (40%)	>480	6	>480	6	>480	6
alkene	BUTYL ETHYLENE (1-HEXENE)	>480	6				
Amines	ANILINE	230	4	175	4	175	4
Amines	DIETHANOLAMINE	>480	6	>480	6	>480	6
Amines	DIETHYLAMINE	13	1	<30	1	11	1
Amines	ETHANOLAMINE	>480	6	>480	6	>480	6
Amines	METHYL AMINE (40%)	>480	6	>480	6	>480	6
Amines	MONO ETHANOL AMINE	>480	6	>480	6	>480	6
Amines	TERT- BUTYL AMINE						
Amines	TRITHANOLAMINE (TEA)	>480	6	>480	6	>480	6
Aromatic hydrocarbons	BENZENE	17	1			9	0
Aromatic hydrocarbons	OCTANE (Petrol or Gasoline)	40	2	<240	4	246	5
Aromatic hydrocarbons	TOLUENE	16	1	<30	1	24	1
Aromatic hydrocarbons	XYLENE	7	0	<30	1	60	2
Aryl phosphate	TRIXYLENYL PHOSPHATE (TXP)	>480	6				
Carboxylic Acid Esters	ETHYL BUTANOL	>480	6	>480	6	>480	6
Chlorocarbon	CARBON TETRA CHLORIDE	43	2	>480	6	82	3
chlorocarbon	TETRACHLOROETHYLENE					78	3
Cycloalkane	CYCLOHEXANE	56	2			>480	6
Dairy products	Animal fats	>480	6	>480	6	>480	6
Enones	METHYL METHACRYLATE			<30	1	15	1
Enzymes	PROPETAMPHOS (SAFROTIN) (50% IN ROH)	>480	6	>480	6	>480	6
Epoxide	EPICHLOROHYDRIN	18	1			20	1
Epoxidized vegetable oil	EPOXIDISED SOYA BEAN OIL	>480	6				
Esters	BUTYL ACETATE			<120	3	43	2
Esters	ETHYL ACETATE	11	1	<30	1	22	1
Esters	METHYL ACETATE			<30	1		
Esters	PHTHALIC ACID DIBUTYL ESTER	>480	6	>480	6	>480	6
Ether	DIETHYL ETHER (ETHYL ETHER)	9	0			14	1
Ether	DIETHYLENE GLYCOL MONOHEXYL ETHER (HEXYLCARBITOL SOLVENT)	>480	6	>480	6	>480	6
Ether	DIPROPASOL GLYCOL MONO n-BUTYL ETHER (BUTYL DIPROPASOL SOLVENT) (DIPROPYLENE GLYCOL MONO n-BUTYL ETHER)	>480	6			>480	6
Ether	TETRAHYDROFURANE	15	1	<30	1	7	0
Glycol ether	ETHOXYTRIGLYCOL (TRIETHYLENE GLYCOL MONO ETHYL ETHER)	>480	6	>480	6	>480	6
Glycol ether	METHOXY TRIGLYCOL	>480	6	>480	6	>480	6
Glycol ether	BUTYL CELLOSOLVE SOLVENT (2- Butoxy Ethanol)	>480	6	>480	6	>480	6
Halogenated hydrocarbons	1,2 DI CHLORO ETHANE 76% + PHENOL 24%					17	1
Halogenated hydrocarbons	1,2 DICHLORO ETHANE	11	1			5	0

CATEGORY/FAMILY	CHEMICAL	Ninja PVChem		Frontier ChemiTouch		Ninja NitraChem	
		BTT	CLASS	BTT	CLASS	BTT	CLASS
Halogenated hydrocarbons	CHLOROFORM	6	0	<10	0	2	0
Halogenated hydrocarbons	METHYLENE CHLORIDE (DI CHLORO METHANE)	9	0	<10	0	6	0
Halogenated hydrocarbons	TRICHLOROETHYLENE	5	0	<10	0		
Heterocyclic organic compound	1,4 DIOXANE	27	1			35	2
Hydraulic fluid	BRAKE FLUID	>480	6	>480	6	>480	6
Hydrocarbon	n-HEPTANE	39	2			0	0
Hydrocarbon	PARAFFIN OIL	>480	6				
Inorganic acids	CHROMIC ACID (50%)	>480	6	>480	6	>480	6
Inorganic acids	HYDROCHLORIC ACID (10%)	>480	6	>480	6	>480	6
Inorganic acids	HYDROCHLORIC ACID (30%)	>480	6	>480	6	>480	6
Inorganic acids	HYDROCHLORIC ACID (37%)	>480	6	>480	6		
Inorganic acids	Hydrofluoric Acid (40%)			<240	4		
Inorganic acids	NITRIC ACID (10%)	>480	6	>480	6	>480	6
Inorganic acids	NITRIC ACID (23%)						
Inorganic acids	NITRIC ACID (85%)			<30	1	130	4
Inorganic acids	ORTHO PHOSPHORIC ACID (85%)	>480	6			>480	6
Inorganic acids	PERCHLORIC ACID (60%)	>480	6			>480	6
Inorganic acids	SULPHURIC ACID (50%)			<240	4		
Inorganic acids	SULPHURIC ACID (30%)	>480	6	>480	6		
Inorganic acids	SULPHURIC ACID (47%)	>480	6	>480	6	>480	6
Inorganic acids	SULPHURIC ACID (Con. 96~ 98%)	160	4	<240	4	128	4
Inorganic acids	TANNIC ACID (65%)	>480	6	>480	6	>480	6
Inorganic compound	AMMONIUM FLOURIDE (40%)	>480	6	>480	6	>480	6
ketone	2,6-DIMETHYL-4-HEPTANONE	>480	6			>480	6
Ketone	ACETONE	10	0	<10	1	17	1
ketone	CYCLOHEXANONE			<60	2	118	3
Ketone	DI-ISOBUTYL KETONE	>480	6	>480	6	>480	6
Ketone	ISO BUTYL METHYL KETONE (METHYL ISO BUTYL KETONE) (MIBK)			<30	2	52	2
Ketone	METHYL ETHYL KETONE (2-BUTANONE) (MEK)			<10	1	15	1
Liquid Hydrocarbon	STYRENE			<30	2	26	1
Methylcarbitol Solvent	DIETHYLENE GLYCOL MONOMETHYL ETHER (METHYLCARBITOL SOLVENT)	>480	6	>480	6	>480	6
Miscellaneous	ACETONITRILE	20	1	<30	1	22	1
Miscellaneous	ACRYLAMIDE (50%)	>480	6			>480	6
Miscellaneous	CARBONDISULFIDE	8	0	<30	1	2	0
Miscellaneous	CRESOL	>480	6				
Miscellaneous	HYDRAZINE HYDRATE (85%)	>480	6	>480	6	>480	6
Miscellaneous	HYDROGEN PEROXIDE	>480	6	<240	4		
Miscellaneous	HYDROGEN PEROXIDE(30%)	>480	6	<240	4	>480	6
Miscellaneous	PHENOL (76% IN H ₂ O)			<120	3	>480	6
Miscellaneous	PHENOL (90%)	>480	6	<120	3	>480	6
Miscellaneous	PYRIDINE			<30	1	23	1
	BUTOXY TRIGLYCOL	>480	6	>480	6	>480	6
	DIMETHYL SULFATE	100	3				
	OIL-BASED PAINTS	>480	6	>480	6	>480	6
Oil	COOKING OIL	>480	6	>480	6	>480	6
Oil	CORN OIL	>480	6	>480	6	>480	6
Oil	GROUNDNUT OIL (PEANUT OIL)	>480	6	>480	6	>480	6
Oil	OLIVE OIL	>480	6	>480	6	>480	6
Organic Acid	FORMIC ACID (90%)	>480	6	<60	2	>480	6
Organic Acid	LACTIC ACID (85%)	>480	6	>480	6	>480	6
Organic Acid	MALEIC ACID	>480	6	>480	6	>480	6
Organic Acids	ACETIC ACID (Glacial)	121	4	<240	4	167	4
Organic Acids	OXALIC ACID	>480	6	>480	6	>480	6
organic compound	CYLOHEXANOL	>480	6	>480	6	>480	6
organic compound	n,n DIMETHYL ACETAMIDE					47	2
organic compound	N-METHYL-2-PYRROLIDONE	170	4	<30	1	173	4
Oxidoreductases	2-NITRO PROPANE (95.5%)	21	1			20	1
Phenol	HYDROQUINONE	>480	6	>480	6	>480	6
Plasticizer	DI-BUTYL PHTHALATE (D.B.P)	>480	6				
Plasticizer	DIOCTYL PHTHALATE [DI(2-ETHYL HEXYL)PHTHALATE] (D.O.P)	>480	6	>480	6	>480	6
Plasticizer	TRICRESYL PHOSPHATE (TCP)	>480	6	>480	6	>480	6
Polar Solvent	DIMETHYLACETAMIDE			<30	1	51	2
Polymer	METHYL ACRYLATE			<30	1		
Salt Solutions	SODIUM HYPOCHLORITE (6~12%) (Bleach)	>480	6	>480	6	>480	6
Soap	DETERGENT	>480	6	>480	6		
Solvent	BUTYL CARBITOL SOLVENT (DIETHYLENE GLYCOL MONOBUTYL ETHER)	>480	6	>480	6	>480	6
Solvent	BUTYRO LACTONE	122	4			110	3
Solvent	CHLOROBENZENE	16	1			24	1
Solvent	DIMETHYL SULPHOXIDE			<480	5		
Solvent	DIMETHYL FORMAMIDE (DMF)	39	2	<30	1	37	2
Solvent	DIPROPYLENE GLYCOL MONO n-PROPYL ETHER	>480	6	>480	6	>480	6
Solvent	ETHYLENE GLYCOL MONOPROPYL ETHER (PROPYL CELLOSOLVE SOLVENT)	>480	6	>480	6	>480	6
Solvent	HEXYLCELLOSOLVE SOLVENT	>480	6				
Solvent	NITRO BENZENE	103	3	<120	3	60	2
Solvent	PROPOXY DIETHYLENE GLYCOL (PROPYL CARBITOL SOLVENT) (DIETHYLENE GLYCOL MONOPROPYL ETHER)	>480	6			>480	6
Solvent	PROPYL ACETATE	17	1	<30	1	7	0
Solvent	PROPYL CELLOSOLVE SOLVENT	>480	6				
Solvent	PROPYLENE GLYCOL MONOBUTYL ETHER (BUTYL PROPASOL SOLVENT)	>480	6	>480	6	>480	6
Vegetable Oil	CASTOR OIL (Ricinus oil)	>480	6	>480	6	>480	6
Dairy Products	MILK PRODUCTS (BUTTER, ETC.)	>480	6	>480	6	>480	6