DRAFT

APPROVED CHEMICALS LIST
HANDLING LIMITATIONS
PERMIT NO. 74398

		FIXED ROOF TANK STORAGE SCENARIO								PROCESS UNITS				
		MAXIMUM COMBINED TANK FILLING RATE	NUMBER OF TANKS PER SERIES						MINIMUM STORAGE CONTROL REQUIRED	MAXIMUM COLUMN CHARGE RATE	COLUMN	MAXIMUM REACTOR CHARGE RATE	REACTOR	MINIMUM PROCESS CONTROL REQUIRED
CHEMICAL	Toxicity Ratio	(gal/hr)	T-100	T-200	T-300	T-400	T-500	T-600	(code)	(gal/hr)	No.	(gal/hr)	No.	(code)
Epichlorhydrin	3.272	172200	1	1	1	1	1	1	CAU2	4000	1	8000	1	CAU1
Vinylidene Chloride	44.082	172200	2	2	2	2	2	2	CAU2	4000	2	15000	2	BLK
2-Methyl Piperidine	0.819	100000	6	6	4	4	4	3	FLR2	4000	2	8000	1	FLR1
Acetaldehyde	13.255	126000	1	1	1	1	1	1	FLR2	4000	2	15000	2	BLK
Acetic acid	0.144	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Acetonitrile	0.359	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Acrylic acid	0.205	126000	15	8	4	3	3	5	FLR1	4000	2	15000	2	BLK
Acrylonitrile	4.390	126000	1	1	1	1	1	1	FLR2	4000	2	15000	2	BLK
Allyl acetate	0.719	80000	15	8	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Allyl alcohol	1.199	60000	5	3	3	1	0	0	FLR1	4000	4	15000	3	BLK
Benzaldehyde	0.290	126000	3	3	3	3	2	2	FLR2	4000	1	8000	1	FLR1
Benzene	3.354	60000	15	10	9	6	7	5	FLR2	4000	2	1000	2	FLR1
Benzylamine	0.326	126000	3	2	2	2	2	2	FLR1	4000	2	4000	2	FLR1
Biphenyl	0.112	172200	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Butene (butylene)	21.895	126000	1	1	1	1	1	1	PRESS	4000	1	15000	1	BLK
Butyl alcohol (butanol)	0.036	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Butyric acid	0.990	60000	1	1	1	1	1	1	FLR2	4000	1	15000	1	BLK
Cresol, m-	0.196	60000	2	2	2	2	2	1	FLR1	4000	2	4000	2	FLR1
Cresol, p-	0.288	60000	2	2	2	2	1	0	FLR1	4000	2	4000	2	FLR1
Crotonaldehyde	11.336	126000	1	1	1	0	0	0	FLR2	4000	1	15000	1	BLK
Crude Oil	2.848	126000	2	4	2	4	4	4	FLR2	4000	2	4000	1	FLR1
Cumene	0.045	126000	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Cyclohexanone	0.034	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Cyclohexene	0.410	126000	30	16	9	6	7	10	FLR1	4000	2	8000	2	FLR1
Decane	0.001	126000	30	8	4	3	3	5	FLR1	4000	8	15000	5	FLR1
Diallyl alcohol	1.152	30000	2	2	2	2	1	1	FLR1	4000	2	8000	2	FLR1
Dicyclopentadiene	0.354	80000	2	2	2	2	2	2	FLR1	4000	2	4000	1	FLR1
Diethylamine	3.753	126000	6	6	6	6	6	6	FLR2	4000	2	15000	2	BLK
Diisobutene (isooctene)	0.100	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Diisobutylene	0.100	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Diisopropylamine	1.290	60000	6	6	4	3	1	1	FLR1	4000	2	15000	2	BLK
Dimethyl formamide	0.038	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Diphenyl	0.112	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Diphenyl methane	0.274	60000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Dodecane	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Durene (1,2,4,5 Tetramethylbenzene)	0.005	126000	30	16	9	6	7	10	FLR1	4000	2	4000	2	FLR1
Ethyl acetate	0.021	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Ethyl Acrylate	29.116	80000	1	1	1	0	0	0	FLR2	4000	1	15000	1	BLK
Ethyl alcohol (ethanol)	0.006	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Ethyl n-butyrate	1.958	30000	1	1	1	1	1	1	FLR1	4000	1	15000	1	BLK
Ethyl n-valerate (ethyl isovalerate)	0.497	80000	1	1	1	1	1	1	FLR1	4000	1	8000	1	FLR1
Ethyl propionate	1.083	60000	1	1	1	1	1	1	FLR1	4000	1	15000	1	BLK
Ethylene diamine	0.179	126000	15	8	3	3	3	5	FLR1	4000	2	15000	2	FLR1
Ethylene qlycol monoethyl ether	0.119	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Ethylene glycol monomethyl ether	0.184	126000	15	8	3	3	3	5	FLR1	4000	2	15000	2	FLR1
Ethylene oxide	87.959	126000	1	1	1	1	1	1	PRESS	4000	2	15000	2	BLK
Ethyleneimine	34.136	126000	1	1	1	1	0	0	PRESS	4000	1	15000	1	BLK
Formic acid	0.767	80000	1	1	1	1	1	1	FLR1	4000	1	15000	1	FLR1
Gasoline	0.330	126000	15	8	3	3	3	5	FLR1	4000	4	15000	5	FLR1
Heptane	0.046	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Heptene	10.995	126000	1	1	1	1	1	1	FLR2	4000	2	15000	2	BLK
Hexamethyleneimine	0.328	126000	8	4	2	2	2	2	FLR1	4000	2	15000	2	FLR1
Hexane, n-	0.243	126000	30	16	9	6	7	10	FLR1	4000	4	15000	5	FLR1
Hexene	7.210	126000	24	12	9	6	7	10	FLR2	4000	2	4000	2	BLK
Hexyl alcohol	0.105	126000	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Isoamyl alcohol (3-methyl-1 -butanol)	0.077	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Isobutyl acetate	0.132	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Isobutyl alcohol (isobutanol)	0.024	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Isobutyl aldehyde (isobutyraldehyde)	2.650	126000	2	2	2	2	2	2	FLR2	4000	2	15000	2	FLR1
Isobutyl benzene	0.009	172200	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Isobutyl formate	1.500	40000	2	2	2	2	2	2	FLR1	4000	2	15000	2	BLK

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CHEMICAL	Toxicity Ratio	(gal/hr)	T-100	T-200	T-300	T-400	T-500	T-600	(code)	(gal/hr)	No.	(gal/hr)	No.	(code)
Isobutylene	2.552	126000	2	2	2	2	2	2	PRESS	4000	4	15000	5	BLK
Isopropyl alcohol (isopropanol)	0.014	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Isopropyl ether	7.007	126000	8	4	2	2	2	2	FLR2	4000	1	15000	1	BLK
Methacrylic acid	0.004	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Methyl acrylonitrile	5.361	126000	1	1	1	1	1	1	FLR2	4000	1	15000	1	BLK
Methyl alcohol (methanol)	0.056	126000	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Methyl isoamyl ketone (5-methyl-2-hexanone)	0.441	120000	2	2	2	1	1	1	FLR1	4000	2	4000	1	FLR1
Methyl isobutyl carbinol	0.082	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Methyl isobutyl ketone	0.070	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Methyl n-amyl ketone (2-heptanone)	0.169	126000	15	8	9	6	7	5	FLR1	4000	4	15000	4	FLR1
Methyl n-butyl ketone (2-hexanone)	1.226	126000	4	4	3	2	1	1	FLR2	4000	2	15000	2	BLK
Methylamine	41.290	126000	2	2	2	2	2	2	PRESS	4000	4	15000	5	BLK
Methyl-t-butyl ether	1.652	126000	2	2	2	2	1	1	FLR2	4000	2	15000	2	BLK
Morpholine	0.855	45000	2	2	2	2	1	1	FLR1	4000	1	4000	1	FLR1
N-methyl pyrrolidone	0.049	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Octane	0.018	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Octene	3.674	126000	2	2	1	2	2	2	FLR2	4000	1	15000	1	BLK
Phenol	0.012	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Piperidine	2.642	126000	2	2	2	2	2	2	FLR2	4000	2	15000	2	BLK
Propionaldehyde	28.075	126000	2	2	2	2	1	1	FLR2	4000	2	15000	2	BLK
Propyl alcohol (propanol)	0.011	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Propylene oxide	13.813	126000	2	2	2	2	2	2	FLR2	4000	2	15000	2	BLK
Pyridine	0.896	126000	2	2	2	2	2	2	FLR2	4000	1	15000	1	BLK
Quinoline	0.085	126000	2	2	2	2	2	2	FLR1	4000	2	15000	2	FLR1
sec-Amyl acetate	1.968	126000	1	1	1	1	0	0	FLR2	4000	1	15000	1	BLK
Styrene	0.235	126000	16	8	4	3	3	5	FLR1	4000	4	15000	4	FLR1
t-Butylamine	71.424	126000	1	1	1	1	1	1	FLR2	4000	1	15000	1	BLK
Triethylamine	5.876	126000	2	2	2	2	2	2	FLR2	4000	2	15000	2	BLK
Valeraldehyde	1.104	126000	2	2	2	2	2	2	FLR2	4000	4	15000	5	FLR1
Valeric acid	0.358	60000	1	1	1	1	1	1	FLR1	4000	1	4000	1	FLR1
Vinyl acetate	2.286	126000	2	2	2	2	2	2	FLR2	4000	2	15000	2	BLK
Vinyl cyclohexene	15.702	126000	1	0	0	0	0	0	FLR2	4000	1	15000	0	BLK
Ammonia	20.686	60000	2	2	2	2	2	2	SCRB2	4000	2	15000	2	BLK
Ammonium Hydroxide	13.206	60000	2	2	2	2	2	2	SCRB2	4000	2	15000	2	BLK
Dodecyl mercaptan	0.003	172200	69	16	9	6	7	10	SCRB1	4000	8	15000	5	SCRB1
Hydrochloric Acid	0.172	126000	2	2	2	2	2	2	SCRB1	4000	1	8000	1	SCRB1
Maleic acid	0.544	126000	1	1	1	1	1	1	SCRB2	4000	1	8000	1	SCRB1
Nitric acid	1.523	126000	2	2	2	2	2	2	SCRB2	4000	1	8000	1	BLK
1,3-Butanediol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
1,4-Butanediol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
2,2,4-TrimethyH ,3-pentanediol diisobutyrate	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
2,3-Butanediol	0.002	126000	69	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
2-Ethyl hexyl alcohol	0.001	172200	30	16	9	6	7	10	FLR1	4000	5	15000	5	FLR1
2-Methyl-2-Pentenal	0.189	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
2-Pyrrolidone	0.001	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Acetic anhydride	0.115	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Acetophenone	0.004	126000	8	4	2	2	2	2	NONE	4000	2	15000	2	FLR1
Adiponitrile	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Aromatic solvent 100	0.020	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Aromatic solvent 150	0.002	126000	15	8	9	6	7	10	NONE	4000	2	15000	2	FLR1
Aromatic solvent 200	0.000	126000	30	16	9	6	7	10	NONE	4000	2	15000	2	FLR1
Benzoic acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Benzyl toluene	0.169	126000	15	8	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Bis(aminoethyl) ether (2-2-oxybis-ethanamine)	0.020	126000	8	4	4	1	1	1	FLR1	4000	2	15000	2	FLR1
Brake fluid	0.000	172200	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Butyl toluene	0.122	100000	15	8	9	6	7	4	FLR1	4000	2	15000	2	FLR1
C12-C15alphaolefins	0.015	126000	15	8	9	6	7	4	FLR1	4000	8	15000	5	FLR1
C16-C20 alpha olefins	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Capric acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Caproic acid	0.009	80000	6	2	2	2	0	0	NONE	4000	2	8000	2	FLR1

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CHEMICAL	Toxicity Ratio	(gal/hr)	T-100	T-200	T-300	T-400	T-500	T-600	(code)	(gal/hr)	No.	(gal/hr)	No.	(code)
Caprylic acid (Octanoic acid)	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Cetyl alcohol (hexadecanol)	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Chloroacetic Acid	0.019	100000	15	8	3	3	3	5	CAU1	4000	2	15000	2	BLK
Cyclohexane	0.196	126000	15	8	3	3	3	5	FLR1	4000	2	15000	2	FLR1
Decanoic acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Decyl alcohol	0.002	60000	2	2	2	2	2	2	NONE	4000	2	15000	2	FLR1
Diallyl phthalate	0.004	126000	30	16	9	6	7	10	NONE	4000	1	15000	1	FLR1
Dibutyl p-cresol (Butylated hydroxytoluene)	0.059	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Dicyclohexene	0.456	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Diesel fuel	0.003	100000	2	2	3	3	3	2	NONE	4000	2	4000	2	FLR1
Diethanolamine	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Diethylene qlycol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Diethylene glycol monobutyl ether	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Diethylene glycol monoethyl ether	0.001	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Diethylene glycol monomethy! ether	0.004	126000	15	8	3	3	3	5	NONE	4000	2	15000	2	FLR1
Diqlycolamine	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Dimethyl acetamide	0.014	126000	69	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Diphenyl oxide	0.022	126000	30	16	9	6	7	10	VB	4000	2	8000	2	FLR1
Diphenylamine	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Dipropyl ketone	0.011	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Dipropylene glycol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Divinylbenzene	0.061	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Dodecane	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Eicosane	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Ethanolamine	0.016	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Ethyl toluene	0.012	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Ethyl-3-ethoxypropionate (EEP)	0.067	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Ethylbenzene	0.020	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Ethylene glycol	0.002	126000	15	8	3	3	3	2	NONE	4000	4	15000	2	FLR1
Ethylene glycol monobutyl ether	0.021	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Ethylene glycol monohexyl ether	0.002	126000	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Fatty acids (C5-C12)	0.002	126000	15	8	3	3	2	2	NONE	4000	4	15000	2	FLR1
Fatty alcohol (C9 - C20)	0.005	110000	15	8	3	3	3	2	NONE	4000	4	4000	2	FLR1
Formamide	0.001	126000	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Fuel oil	0.003	110000	8	8	3	3	3	5	NONE	4000	2	4000	1	FLR1
Furfuryl alcohol	0.007	85000	15	8	3	3	3	5	NONE	4000	2	15000	2	FLR1
Glycerol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Heptadecane	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Heptanoic acid	0.001	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Heptyl alcohol	0.001	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Hexadecane	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Hexamethylbenzene	0.001	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Hexylene qlycol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Hydroquinone	0.001	126000	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Isononanoic acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Kerosene	0.004	100000	15	8	3	3	3	5	NONE	4000	4	15000	4	FLR1
Lauryl alcohol	0.002	126000	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Linoleic acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Linolenic acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Maleic anhydride	0.158	60000	15	8	3	3	3	2	FLR1	4000	2	15000	2	FLR1
Mesitylene	0.010	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Methacrylic acid	0.004	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Methyl benzoate	0.016	126000	30	16	9	6	7	10	VB	4000	8	15000	5	FLR1
Methyl diethanolamine	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Methyl esters (C8-C10)	0.043	120000	15	8	9	6	3	2	VB	4000	8	15000	5	FLR1
Methyl esters (C12 - C14)	0.008	126000	15	8	9	6	3	2	VB	4000	8	15000	5	FLR1
Methyl esters (C16 - C18)	0.002	126000	15	8	9	6	7	10	NONE	4000	8	15000	5	FLR1
Methyl p-cresol	0.362	40000	2	2	2	2	1	1	FLR1	4000	2	8000	2	FLR1
Myristal alcohol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Naphthalene	0.003	126000	8	4	2	2	2	2	NONE	4000	2	4000	2	FLR1
n-Butyl benzene	0.002	126000	30	16	9	6	7	10	NONE	4000	8	15000	5	FLR1

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		FIXED ROOF TANK STORAGE SCENARIO								PROCESS UNITS				
		MAXIMUM COMBINED TANK FILLING RATE	NUMBER OF TANKS PER SERIES						MINIMUM STORAGE CONTROL REQUIRED	MAXIMUM COLUMN CHARGE RATE	COLUMN	MAXIMUM REACTOR CHARGE RATE	REACTOR	MINIMUM PROCESS CONTROL REQUIRED
CHEMICAL	Toxicity Ratio	(gal/hr)	T-100	T-200	T-300	T-400	T-500	T-600	(code)	(gal/hr)	No.	(gal/hr)	No.	(code)
Nonadecane	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Nonane	0.002	126000	30	16	9	6	7	10	NONE	4000	2	15000	2	FLR1
Nonanoic acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Nonyl phenol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Octanoic acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Octyl alcohol	0.045	120000	2	2	2	2	2	1	FLR1	4000	2	4000	2	FLR1
Olefins(C15-C24)	0.011	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
Oleic acid	0.002	40000	30	16	9	6	7	10	NONE	4000	2	15000	2	FLR1
Ortho-Dichlorobenzene	0.015	60000	30	16	9	6	7	10	CAU1	4000	8	15000	5	CAU1
Phosphoric acid	0.005	126000	30	16	9	6	7	10	SCRB1	4000	8	15000	5	SCRB1
Poly alpha olefin (C10 - C30)	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Propionic acid	0.115	126000	30	16	9	6	7	10	FLR1	4000	2	15000	2	FLR1
Propylene qlycol (1,3-propanediol)	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Pyrrole	1.099	40000	1	1	1	1	0	0	FLR1	4000	1	8000	1	FLR1
Sodium hydroxide	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Stearyl alcohol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Succinonitrile	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Sulfuric Acid	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Tall Oil (fatty acid)	0.008	80000	15	8	4	3	3	5	NONE	4000	2	4000	2	FLR1
Tert-butyl benzene	0.005	126000	30	16	9	6	7	10	FLR1	4000	8	15000	5	FLR1
t-Nonylpolysulfide	0.005	60000	8	4	2	2	2	2	FLR1	4000	2	15000	2	FLR1
Triethylene qlycol	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Triethylene tetramine (TETA)	0.000	172200	69	16	9	6	7	10	NONE	4000	8	15000	5	FLR1
Undecane	0.002	100000	30	16	9	6	7	10	FLR1	4000	8	15000		FLR1

CONTROL CODES

FLR1	Emissions vented to the flare.
FLR2	Displacement losses (filling from transport vessel) vapor balanced; standing losses flared
SCRB1	Emissions vented to scrubber and flare
SCRB2	Displacement losses (filling from transport vessel) vapor balanced; standing losses to scrubber and flare
CAU1	Emissions vented to carbon adsorption unit and flare
CAU2	Displacement losses (filling from transport vessel) vapor balanced; standing losses to carbon and flare
VB	Displacement (filling) losses are vapor balanced
PRESS	Pressure Tank Storage (no working / standing losses)
CYLND	Stored in portable pressure cylinders (no working / standing losses and no tank farm fugitives)
BLK	Process unit blocked-in (vacuum or pressure controls eliminate displacement losses during initial charge)
NONE	No emission controls required

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		TRANSFER OPERATIONS									
CHEMICAL	Toxicity Ratio	NORTH TRUCK LOADING MAXIMUM RATE (gal/hr)	WEST TRUCK LOADING MAXIMUM RATE (gal/hr)	EAST TRUCK LOADING MAXIMUM RATE (gal/hr)	RAILCAR LOADING MAXIMUM RATE (gal/hr)	BARGE LOADING MAXIMUM RATE (bbl/hr)	NORTH TRUCK MINIMUM LOADING CONTROL (code)	WEST TRUCK MINIMUM LOADING CONTROL (code)	EAST TRUCK MINIMUM LOADING CONTROL (code)	RAILCAR MINIMUM LOADING CONTROL (code)	BARGE MINIMUM LOADING CONTROL (code)
Epichlorhydrin	3.272	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Vinylidene Chloride	44.082	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
2-Methyl Piperidine	0.819	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Acetaldehyde	13.255	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Acetic acid	0.144	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Acetonitrile	0.359	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Acrylic acid	0.205	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Acrylonitrile	4.390	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Allyl acetate	0.719	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Allyl alcohol	1.199	7500	7500	7500	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Benzaldehyde	0.290	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Benzene	3.354	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Benzylamine	0.326	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Biphenyl	0.112	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Butene (butylene)	21.895	15000	15000	15000	30000	3000	PRESS	PRESS	PRESS	PRESS	PRESS
Butyl alcohol (butanol)	0.036	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Butyric acid	0.990	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Cresol, m-	0.196	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Cresol, p-	0.288	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Crotonaldehyde	11.336	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Crude Oil	2.848	8000	8000	8000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Cumene	0.045	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Cyclohexanone	0.034	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Cyclohexene	0.410	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Decane	0.001	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diallyl alcohol	1.152	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Dicyclopentadiene	0.354	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diethylamine	3.753	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diisobutene (isooctene)	0.100	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diisobutylene	0.100	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diisopropylamine	1.290	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Dimethyl formamide	0.038	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diphenyl	0.112	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diphenyl methane	0.274	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Dodecane	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Durene (1,2,4,5 Tetramethylbenzene)	0.005	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethyl acetate	0.021	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethyl Acrylate	29.116	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Ethyl alcohol (ethanol)	0.006	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethyl n-butyrate	1.958	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethyl n-valerate (ethyl isovalerate)	0.497	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethyl propionate	1.083	15000	15000	15000	30000	1500	FLR1	FLR1	FLR1	FLR1	VB
Ethylene diamine	0.179	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethylene qlycol monoethyl ether	0.119	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethylene qlycol monomethyl ether	0.184	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethylene oxide	87.959	15000	15000	15000	30000	3000	PRESS	PRESS	PRESS	PRESS	PRESS
Ethyleneimine	34.136	15000	15000	15000	30000	3000	PRESS	PRESS	PRESS	PRESS	PRESS
Formic acid	0.767	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Gasoline	0.330	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Heptane	0.046	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Heptene	10.995	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Hexamethyleneimine	0.328	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Hexane, n-	0.243	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Hexene	7.210	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Hexyl alcohol	0.105	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Isoamyl alcohol (3-methyl-1-butanol)	0.077	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Isobutyl acetate	0.132	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Isobutyl alcohol (isobutanol)	0.024	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Isobutyl aldehyde (isobutyraldehyde)	2.650	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Isobutyl benzene	0.009	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Isobutyl formate	1.500	15000	15000	15000	30000	1500	FLR1	FLR1	FLR1	FLR1	VB

DRAFT

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		TRANSFER OPERATIONS									
CHEMICAL	Toxicity Ratio	NORTH TRUCK LOADING MAXIMUM RATE (gal/hr)	WEST TRUCK LOADING MAXIMUM RATE (gal/hr)	EAST TRUCK LOADING MAXIMUM RATE (gal/hr)	RAILCAR LOADING MAXIMUM RATE (gal/hr)	BARGE LOADING MAXIMUM RATE (bbl/hr)	NORTH TRUCK MINIMUM LOADING CONTROL (code)	WEST TRUCK MINIMUM LOADING CONTROL (code)	EAST TRUCK MINIMUM LOADING CONTROL (code)	RAILCAR MINIMUM LOADING CONTROL (code)	BARGE MINIMUM LOADING CONTROL (code)
Isobutylene	2.552	15000	15000	15000	30000	3000	PRESS	PRESS	PRESS	PRESS	PRESS
Isopropyl alcohol (isopropanol)	0.014	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Isopropyl ether	7.007	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methacrylic acid	0.004	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methyl acrylonitrile	5.361	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methyl alcohol (methanol)	0.056	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methyl isoamyl ketone (5-methyl-2-hexanone)	0.441	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methyl isobutyl carbinol	0.082	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methyl isobutyl ketone	0.070	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methyl n-amyl ketone (2-heptanone)	0.169	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methyl n-butyl ketone (2-hexanone)	1.226	15000	15000	15000	30000	1500	FLR1	FLR1	FLR1	FLR1	VB
Methylamine	41.290	15000	15000	15000	30000	3000	PRESS	PRESS	PRESS	PRESS	PRESS
Methyl-t-butyl ether	1.652	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Morpholine	0.855	15000	15000	15000	30000	1500	FLR1	FLR1	FLR1	FLR1	VB
N-methyl pyrrolidone	0.049	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Octane	0.018	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Octene	3.674	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Phenol	0.012	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Piperidine	2.642	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Propionaldehyde	28.075	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Propyl alcohol (propanol)	0.011	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Propylene oxide	13.813	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Pyridine	0.896	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Quinoline	0.085	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
sec-Amyl acetate	1.968	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Styrene	0.235	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
t-Butylamine	71.424	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Triethylamine	5.876	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Valeraldehyde	1.104	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Valeric acid	0.358	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Vinyl acetate	2.286	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Vinyl cyclohexene	15.702	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Ammonia	20.686	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Ammonium Hydroxide	13.206	15000	15000	15000	30000	3000	VB	VB	VB	VB	VB
Dodecyl mercaptan	0.003	15000	15000	15000	30000	3000	SCRB1	SCRB1	SCRB1	SCRB1	VB
Hydrochloric Acid	0.172	15000	15000	15000	30000	3000	SCRB1	SCRB1	SCRB1	SCRB1	VB
Maleic acid	0.544	15000	15000	15000	30000	2500	SCRB1	SCRB1	SCRB1	SCRB1	VB
Nitric acid	1.523	15000	15000	15000	30000	3000	SCRB1	SCRB1	SCRB1	SCRB1	VB
1,3-Butanediol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
1,4-Butanediol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
2,3-Butanediol	0.002	15000	15000	15000	30000	2500	NONE	NONE	NONE	NONE	NONE
2-Ethyl hexyl alcohol	0.001	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
2-Methyl-2-Pentenal	0.189	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
2-Pyrrolidone	0.001	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Acetic anhydride	0.115	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Acetophenone	0.004	15000	15000	15000	30000	2500	NONE	NONE	NONE	NONE	NONE
Adiponitrile	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Aromatic solvent 100	0.020	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Aromatic solvent 150	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Aromatic solvent 200	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Benzoic acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Benzyl toluene	0.169	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Bis(aminoethyl) ether (2-2-oxybis-ethanamine)	0.020	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Brake fluid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Butyl toluene	0.122	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
C12-C15alphaolefins	0.015	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
C16-C20 alpha olefins	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Capric acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Caproic acid	0.009	8000	8000	8000	15000	1500	NONE	NONE	NONE	NONE	NONE

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Caprylic acid (Octanoic acid)	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Cetyl alcohol (hexadecanol)	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Chloroacetic Acid	0.019	15000	15000	15000	15000	3000	CAU1	CAU1	CAU1	CAU1	VB
Cyclohexane	0.196	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Decanoic acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Decyl alcohol	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Diallyl phthalate	0.004	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Dibutyl p-cresol (Butylated hydroxytoluene)	0.059	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Dicyclohexene	0.456	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diesel fuel	0.003	7500	7500	7500	15000	3000	NONE	NONE	NONE	NONE	NONE
Diethanolamine	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Diethylene qlycol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Diethylene qlycol monobutyl ether	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Diethylene qlycol monoethyl ether	0.001	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Diethylene glycol monomethyl ether	0.004	15000	15000	15000	30000	1500	NONE	NONE	NONE	NONE	NONE
Diglycolamine	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Dimethyl acetamide	0.014	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Diphenyl oxide	0.022	15000	15000	15000	15000	3000	NONE	NONE	NONE	NONE	VB
Diphenylamine	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Dipropyl ketone	0.011	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Dipropylene glycol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Divinyl benzene	0.061	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Dodecane	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Eicosane	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Ethanolamine	0.016	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Ethyl toluene	0.012	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Ethyl-3-ethoxypropionate (EEP)	0.067	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethylbenzene	0.020	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Ethylene qlycol	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Ethylene qlycol monobutyl ether	0.021	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Ethylene qlycol monohexyl ether	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Fatty acids (C5-C12)	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Fatty alcohol (C9 - C20)	0.005	7500	7500	7500	15000	3000	NONE	NONE	NONE	NONE	NONE
Formamide	0.001	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Fuel oil	0.003	7500	7500	7500	30000	3000	NONE	NONE	NONE	NONE	NONE
Furfuryl alcohol	0.007	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Glycerol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Heptadecane	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Heptanoic acid	0.001	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Heptyl alcohol	0.001	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Hexadecane	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Hexamethylbenzene	0.001	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Hexylene qlycol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Hydroquinone	0.001	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Isononanoic acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Kerosene	0.004	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Lauryl alcohol	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Linoleic acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Linolenic acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Maleic anhydride	0.158	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Mesitylene	0.010	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Methacrylic acid	0.004	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Methyl benzoate	0.016	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Methyl diethanolamine	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Methyl esters (C8-C10)	0.043	8000	8000	8000	20000	3000	NONE	NONE	NONE	NONE	VB
Methyl esters (C12-C14)	0.008	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Methyl esters (C16 - C18)	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Methyl p-cresol	0.362	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Myristal alcohol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Naphthalene	0.003	15000	15000	15000	30000	2500	NONE	NONE	NONE	NONE	NONE
n-Butyl benzene	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE

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		TRANSFER OPERATIONS									
		NORTH TRUCK LOADING MAXIMUM RATE	WEST TRUCK LOADING MAXIMUM RATE	EAST TRUCK LOADING MAXIMUM RATE	RAILCAR LOADING MAXIMUM RATE	BARGE LOADING MAXIMUM RATE	NORTH TRUCK MINIMUM LOADING CONTROL	WEST TRUCK MINIMUM LOADING CONTROL	EAST TRUCK MINIMUM LOADING CONTROL	RAILCAR MINIMUM LOADING CONTROL	BARGE MINIMUM LOADING CONTROL
CHEMICAL	Toxicity Ratio	(gal/hr)	(gal/hr)	(gal/hr)	(gal/hr)	(bbl/hr)	(code)	(code)	(code)	(code)	(code)
Nonadecane	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Nonane	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Nonanoic acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Nonyl phenol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Octanoic acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Octyl alcohol	0.045	8000	8000	8000	20000	3000	NONE	NONE	NONE	NONE	VB
Olefins(C15-C24)	0.011	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Oleic acid	0.002	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Ortho-Dichlorobenzene	0.015	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Phosphoric acid	0.005	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
Poly alpha olefin (C10 - C30)	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Propionic acid	0.115	15000	15000	15000	30000	3000	FLR1	FLR1	FLR1	FLR1	VB
Propylene glycol (1,3-propanediol)	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Pyrrole	1.099	15000	15000	15000	15000	3000	FLR1	FLR1	FLR1	FLR1	VB
Sodium hydroxide	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Stearyl alcohol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Succinonitrile	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Sulfuric Acid	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Tall Oil (fatty acid)	0.008	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Tert-butyl benzene	0.005	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	VB
t-Nonylpolysulfide	0.005	15000	15000	15000	30000	1000	NONE	NONE	NONE	NONE	NONE
Triethylene qlycol	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Triethylene tetramine (TETA)	0.000	15000	15000	15000	30000	3000	NONE	NONE	NONE	NONE	NONE
Undecane	0.002	15000	15000	15000	30000	2500	NONE	NONE	NONE	NONE	NONE

CONTROL CODES

FLR1	Emissions vented to the flare.
FLR2	Displacement losses (filling from transport vessel) vapor balanced; standing losses flared
SCRB1	Emissions vented to scrubber and flare
SCRB2	Displacement losses (filling from transport vessel) vapor balanced; standing losses to scrubber and flare
CAU1	Emissions vented to carbon adsorption unit and flare
CAU2	Displacement losses (filling from transport vessel) vapor balanced; standing losses to carbon and flare
VB	Displacement (filling) losses are vapor balanced
PRESS	Pressure Tank Storage (no working / standing losses)
CYLND	Stored in portable pressure cylinders (no working / standing losses and no tank farm fugitives)
BLK	Process unit blocked-in (vacuum or pressure controls eliminate displacement losses during initial charge)
NONE	No emission controls required

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CHEMICAL	Toxicity Ratio	LIMITS ON SIMULTANEOUS MOVEMENTS						
Epichlorhydrin	3.272	TK	PA	TTN	TTW	TTE	RC	BRG
Vinylidene Chloride	44.082	TK	PA	TTN	TTW	TTE	RC	BRG
2-Methyl Piperidine	0.819	TK	PA					BRG
Acetaldehyde	13.255	TK	PA	TTN	TTW	TTE	RC	BRG
Acetic acid	0.144	TK	PA	TTN	TTW	TTE	RC	BRG
Acetonitrile	0.359	TK	PA	TTN	TTW	TTE	RC	BRG
Acrylic acid	0.205	TK	PA	TTN	TTW	TTE	RC	BRG
Acrylonitrile	4.390	TK	PA	TTN	TTW	TTE	RC	BRG
Allyl acetate	0.719	TK	PA	TTN	TTW	TTE	RC	BRG
Allyl alcohol	1.199	TK	PA		TTW		RC	BRG
Benzaldehyde	0.290	TK	PA	TTN	TTW	TTE	RC	BRG
Benzene	3.354	TK	PA	TTN	TTW	TTE	RC	BRG
Benzylamine	0.326	TK	PA	TTN			RC	BRG
Biphenyl	0.112	TK	PA	TTN	TTW	TTE	RC	BRG
Butene (butylene)	21.895	TK	PA	TTN	TTW	TTE	RC	BRG
Butyl alcohol (butanol)	0.036	TK	PA	TTN	TTW	TTE	RC	BRG
Butyric acid	0.990	TK	PA	TTN			RC	BRG
Cresol, m-	0.196	TK	PA	TTN			RC	BRG
Cresol, p-	0.288	TK	PA	TTN			RC	BRG
Crotonaldehyde	11.336	TK	PA	TTN				BRG
Crude Oil	2.848	TK	PA	TTN	TTW	TTE	RC	BRG
Cumene	0.045	TK	PA	TTN	TTW	TTE	RC	BRG
Cyclohexanone	0.034	TK	PA	TTN	TTW	TTE	RC	BRG
Cyclohexene	0.410	TK	PA	TTN	TTW	TTE	RC	BRG
Decane	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
Diallyl alcohol	1.152	TK	PA	TTN			RC	BRG
Dicyclopentadiene	0.354	TK	PA	TTN			RC	BRG
Diethylamine	3.753	TK	PA	TTN			RC	BRG
Diisobutene (isooctene)	0.100	TK	PA	TTN	TTW	TTE	RC	BRG
Diisobutylene	0.100	TK	PA	TTN	TTW	TTE	RC	BRG
Diisopropylamine	1.290	TK	PA	TTN				BRG
Dimethyl formamide	0.038	TK	PA	TTN	TTW	TTE	RC	BRG
Diphenyl	0.112	TK	PA	TTN	TTW	TTE	RC	BRG
Diphenyl methane	0.274	TK	PA	TTN			RC	BRG
Dodecane	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Durene (1,2,4,5 Tetramethylbenzene)	0.005	TK	PA	TTN	TTW	TTE	RC	BRG
Ethyl acetate	0.021	TK	PA	TTN	TTW	TTE	RC	BRG
Ethyl Acrylate	29.116	TK	PA					
Ethyl alcohol (ethanol)	0.006	TK	PA	TTN	TTW	TTE	RC	BRG
Ethyl n-butyrate	1.958	TK	PA	TTN				BRG
Ethyl n-valerate (ethyl isovalerate)	0.497	TK	PA	TTN				BRG
Ethyl propionate	1.083	TK	PA	TTN				BRG
Ethylene diamine	0.179	TK	PA	TTN	TTW	TTE	RC	BRG
Ethylene qlycol monoethyl ether	0.119	TK	PA	TTN	TTW	TTE	RC	BRG
Ethylene qlycol monomethyl ether	0.184	TK	PA	TTN	TTW	TTE	RC	BRG
Ethylene oxide	87.959	TK	PA	TTN	TTW	TTE	RC	BRG
Ethyleneimine	34.136	TK	PA	TTN				
Formic acid	0.767	TK	PA	TTN			RC	BRG
Gasoline	0.330	TK	PA	TTN	TTW	TTE	RC	BRG
Heptane	0,046	TK	PA	TTN	TTW	TTE	RC	BRG
Heptene	10.995	TK	PA	TTN				BRG
Hexamethyleneimine	0.328	TK	PA	TTN	TTW	TTE	RC	BRG
Hexane, n-	0.243	TK	PA	TTN	TTW	TTE	RC	BRG
Hexene	7.210	TK	PA	TTN	TTW	TTE	RC	BRG
Hexyl alcohol	0.105	TK	PA	TTN	TTW	TTE	RC	BRG
Isoamvl alcohol (3-methyl-1-butanol)	0.077	TK	PA	TTN	TTW	TTE	RC	BRG
Isobutyl acetate	0.132	TK	PA	TTN	TTW	TTE	RC	BRG
Isobutyl alcohol (isobutanol)	0.024	TK	PA	TTN	TTW	TTE	RC	BRG
Isobutyl aldehyde (isobutyraldehyde)	2.650	TK	PA	TTN			RC	BRG
Isobutyl benzene	0.009	TK	PA	TTN	TTW	TTE	RC	BRG
Isobutyl formate	1.500	TK	PA	TTN				BRG

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CHEMICAL	Toxicity Ratio	LIMITS ON SIMULTANEOUS MOVEMENTS						
Isobutylene	2.552	TK	PA	TTN	TTW	TTE	RC	BRG
Isopropyl alcohol (isopropanol)	0.014	TK	PA	TTN	TTW	TTE	RC	BRG
Isopropyl ether	7.007	TK	PA	TTN				BRG
Methacrylic acid	0.004	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl acrylonitrile	5.361	TK	PA	TTN			RC	BRG
Methyl alcohol (methanol)	0.056	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl isoamyl ketone (5-methyl-2-hexanone)	0.441	TK	PA				RC	BRG
Methyl isobutyl carbinol	0.082	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl isobutyl ketone	0.070	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl n-amyl ketone (2-heptanone)	0.169	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl n-butyl ketone (2-hexanone)	1.226	TK	PA	TTN			RC	BRG
Methylamine	41.290	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl-t-butyl ether	1.652	TK	PA	TTN			RC	BRG
Morpholine	0.855	TK	PA	TTN			RC	BRG
N-methyl pyrrolidone	0.049	TK	PA	TTN	TTW	TTE	RC	BRG
Octane	0.018	TK	PA	TTN	TTW	TTE	RC	BRG
Octene	3.674	TK	PA				RC	BRG
Phenol	0.012	TK	PA	TTN	TTW	TTE	RC	BRG
Piperidine	2.642	TK	PA	TTN			RC	BRG
Propionaldehyde	28.075	TK	PA	TTN			RC	BRG
Propyl alcohol (propanol)	0.011	TK	PA	TTN	TTW	TTE	RC	BRG
Propylene oxide	13.813	TK	PA	TTN	TTW	TTE	RC	BRG
Pyridine	0.896	TK	PA	TTN	TTW	TTE	RC	BRG
Quinoline	0.085	TK	PA	TTN			RC	BRG
sec-Amyl acetate	1.968	TK	PA	TTN				
Styrene	0.235	TK	PA	TTN	TTW	TTE	RC	BRG
t-Butylamine	71.424	TK	PA	TTN				BRG
Triethylamine	5.876	TK	PA	TTN	TTW	TTE	RC	BRG
Valeraldehyde	1.104	TK	PA	TTN	TTW	TTE	RC	BRG
Valeric acid	0.358	TK	PA				RC	BRG
Vinyl acetate	2.286	TK	PA	TTN			RC	BRG
Vinyl cvclohexene	15.702	TK						BRG
Ammonia	20.686	TK	PA	TTN			RC	BRG
Ammonium Hydroxide	13.206	TK	PA	TTN	TTW	TTE	RC	BRG
Dodecyl mercaptan	0.003	TK	PA	TTN	TTW	TTE	RC	BRG
Hydrochloric Acid	0.172	TK	PA	TTN			RC	BRG
Maleic acid	0.544	TK	PA	TTN			RC	BRG
Nitric acid	1.523	TK	PA	TTN			RC	BRG
1,3-Butanediol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
1,4-Butanediol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
2,3-Butanediol	0.002	TK	PA	TTN	TTW	TTE	RC	BRG
2-Ethyl hexyl alcohol	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
2-Methyl-2-Pentenal	0.189	TK	PA	TTN	TTW	TTE	RC	BRG
2-Pyrrolidone	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
Acetic anhydride	0.115	TK	PA	TTN	TTW	TTE	RC	BRG
Acetophenone	0.004	TK	PA					BRG
Adiponitrile	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Aromatic solvent 100	0.020	TK	PA	TTN	TTW	TTE	RC	BRG
Aromatic solvent 150	0.002	TK	PA	TTN	TTW	TTE	RC	BRG
Aromatic solvent 200	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Benzoic acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Benzyl toluene	0.169	TK	PA	TTN	TTW	TTE	RC	BRG
Bis(aminoethyl) ether (2-2-oxybis-ethanamine)	0.020	TK	PA	TTN	TTW	TTE	RC	BRG
Brake fluid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Butyl toluene	0.122	TK	PA	TTN			RC	BRG
C12-C15 alpha olefins	0.015	TK	PA	TTN	TTW	TTE	RC	BRG
C16-C20 alpha olefins	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Capric acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Caproic acid	0.009	TK	PA	TTN			RC	

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CHEMICAL	Toxicity Ratio	LIMITS ON SIMULTANEOUSMOVEMENTS						
Caprylic acid (Octanoic acid)	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Cetyl alcohol (hexadecanol)	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Chloroacetic Acid	0.019	TK	PA	TTN	TTW	TTE	RC	BRG
Cyclohexane	0.196	TK	PA	TTN	TTW	TTE	RC	BRG
Decanoic acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Decyl alcohol	0.002	TK	PA	TTN	TTW	TTE	RC	BRG
Diallyl phthalate	0.004	TK	PA					BRG
Dibutyl p-cresol (Butylated hydroxytoluene)	0.059	TK	PA	TTN			RC	BRG
Dicyclohexene	0.456	TK	PA	TTN			RC	BRG
Diesel fuel	0.003	TK	PA		TTW	TTE		BRG
Diethanolamine	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Diethylene glycol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Diethylene glycol monobutyl ether	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Diethylene glycol monoethyl ether	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
Diethylene glycol monomethyl ether	0.004	TK	PA	TTN	TTW	TTE		BRG
Diglycolamine	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Dimethyl acetamide	0.014	TK	PA	TTN	TTW	TTE	RC	BRG
Diphenyl oxide	0.022	TK	PA	TTN	TTW	TTE	RC	BRG
Diphenylamine	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Dipropyl ketone	0.011	TK	PA	TTN	TTW	TTE	RC	BRG
Dipropylene glycol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Divinylbenzene	0.061	TK	PA	TTN	TTW	TTE	RC	BRG
Dodecane	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Eicosane	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Ethanolamine	0.016	TK	PA	TTN	TTW	TTE	RC	BRG
Ethyl toluene	0.012	TK	PA	TTN	TTW	TTE	RC	BRG
Ethyl-3-ethoxypropionate (EEP)	0.067	TK	PA	TTN	TTW	TTE	RC	BRG
Ethylbenzene	0.020	TK	PA	TTN	TTW	TTE	RC	BRG
Ethylene qlycol	0.002	TK	PA	TTN	TTW	TTE	RC	BRG
Ethylene glycol monobutyl ether	0.021	TK	PA		TTW	TTE	RC	BRG
Ethylene qlycol monohexyl ether	0.002	TK	PA	TTN	TTW	TTE	RC	BRG
Fatty acids (C5-C12)	0.002	TK	PA	TTN	TTW	TTE	RC	BRG
Fatty alcohol (C9 - C20)	0.005	TK	PA		TTW	TTE	RC	BRG
Formamide	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
Fuel oil	0.003	TK	PA		TTW	TTE		BRG
Furfuryl alcohol	0.007	TK	PA					BRG
Glycerol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Heptadecane	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Heptanoic acid	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
Heptyl alcohol	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
Hexadecane	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Hexamethylbenzene	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
Hexylene qlycol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Hydroquinone	0.001	TK	PA	TTN	TTW	TTE	RC	BRG
Isononanoic acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Kerosene	0.004	TK	PA					BRG
Lauryl alcohol	0.002	TK	PA	TTN	TTW	TTE	RC	BRG
Linoleic acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Linolenic acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Maleic anhydride	0.158	TK	PA	TTN				BRG
Mesitylene	0.010	TK	PA	TTN	TTW	TTE	RC	BRG
Methacrylic acid	0.004	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl benzoate	0.016	TK	PA					BRG
Methyl diethanolamine	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl esters (C8-C10)	0.043	TK	PA		TTW	TTE	RC	BRG
Methyl esters (C12-C14)	0.008	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl esters (C16-C18)	0.002	TK	PA	TTN	TTW	TTE	RC	BRG
Methyl p-cresol	0.362	TK	PA	TTN			RC	BRG
Myristal alcohol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Naphthalene	0.003	TK	PA	TTN	TTW	TTE	RC	
n-Butyl benzene	0.002	TK	PA	TTN	TTW	TTE	RC	BRG

DRAFT

APPROVED CHEMICALS LIST
HANDLING LIMITATIONS
PERMIT NO. 74398

CHEMICAL	Toxicity Ratio	LIMITS ON SIMULTANEOUSMOVEMENTS						
Nonadecane	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Nonane	0.002	TK	PA	TTN	TTW	TTE	RC	
Nonanoic acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Nonyl phenol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Octanoic acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Octyl alcohol	0.045	TK	PA	TTN	TTW	TTE	RC	BRG
Olefins (C15-C24)	0.011	TK	PA	TTN	TTW	TTE	RC	BRG
Oleic acid	0.002	TK	PA	TTN				BRG
Ortho-Dichlorobenzene	0.015	TK	PA	TTN			RC	BRG
Phosphoric acid	0.005	TK	PA	TTN	TTW	TTE	RC	BRG
Poly alpha olefin (C10 - C30)	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Propionic acid	0.115	TK	PA	TTN	TTW	TTE	RC	
Propylene glycol (1,3-propanediol)	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Pyrrole	1.099	TK	PA	TTN				
Sodium hydroxide	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Stearyl alcohol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Succinonitrile	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Sulfuric Acid	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Tall Oil (fatty acid)	0.008	TK	PA					
Tert-butyl benzene	0.005	TK	PA	TTN	TTW	TTE	RC	BRG
t-Nonylpolysulfide	0.005	TK	PA	TTN				BRG
Triethylene qlycol	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Triethylene tetramine (TETA)	0.000	TK	PA	TTN	TTW	TTE	RC	BRG
Undecane	0.002	TK	PA	TTN	TTW	TTE	RC	BRG

MOVEMENT ACTIVITY INDICATOR

TK	Tank filling
PA	Process vessel charging
TTN	Tank Truck loading at north rack
TTW	Tank Truck loading at west rack
TTE	Tank Truck loading at east rack
RC	Railcar loading
BRG	Barge loading

(All movements are individually authorized)

Date: ___TBD_____