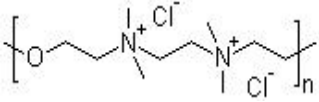
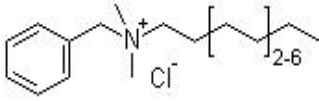


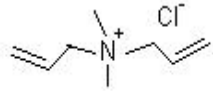
WATER TREATMENT CHEMICALS

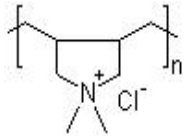
111-30-8	Glutaraldehyde, 25% min., 50% min.	
Company Code:	JW001	
Synonyms:	1,5-Pentanedial, Glutaric dialdehyde, GDA	
Cas No.:	111-30-8	
EINECS No.:	203-856-5	
Molecular formula:	C ₅ H ₈ O ₂	
Appearance:	oily, colorless to light yellow transparent liquid	
Packing:	25/200L HDPE drum, 1000L IBC or ISO TANK	
UN number: 3265	PG: II	Hazard class: 8
HS code:	2912190090	
Applications:	1) oilfield biocide 2) industrial watertreatment 3) hospital sterilizer 4) animal/crop protection 5) photographic chemicals	

31075-24-8; 31512-74-0	Polydichloroethyl ether tetramethyl ethylene diamine(WSCP)	
Company Code:	JW005	
Synonyms:	Polixetonium chloride, Polyquaternium 42	
Cas No.:	31075-24-8; 31512-74-0	
EINECS No.:	N/A	
Molecular formula:	(C ₁₀ H ₂₄ Cl ₂ N ₂ O) _n	
Appearance:	light yellow to yellow transparent liquid	
Packing:	25/200L HDPE drum, 1000L IBC	
UN number: N/A	PG: N/A	Hazard class: N/A
HS code:	3402120000	
Applications:	biocide-algaecide for oilfield and industrial water treatment	

139-07-1; 8001-54-5	Benzalkonium Chloride, 80% (BKC 80)	
Company Code:	JW006	
Synonyms:	Benzalkonium (C8-C16) chloride	
Cas No.:	139-07-1; 8001-54-5	

EINECS No.:	N/A
Molecular formula:	C ₂₂ H ₄₂ ClNO
Appearance:	colorless to light yellow transparent liquid
Packing:	25/200L HDPE drum, 1000L IBC
UN number: N/A	PG: N/A Hazard class: N/A
HS code:	3402120000
Applications:	biocide-algaecide for oilfield and industrial water treatment

7398-69-8	Diallyldimethylammonium chloride, 60±0.5%	
Company Code:	JW007	
Synonyms:	N,N-Dimethyl-N-2-propenyl-2-propen-1-aminium chloride	
Cas No.:	7398-69-8	
EINECS No.:	230-993-8	
Molecular formula:	C ₈ H ₁₆ ClN	
Appearance:	colorless to light yellow transparent liquid	
Packing:	25/200L HDPE drum, 1000L IBC	
UN number: N/A	PG: N/A Hazard class: N/A	
HS code:	3402120000	
Applications:	used for polymerization	

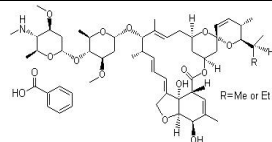
26062-79-3	Poly(diallyldimethylammonium chloride), 40±0.5%	
Company Code:	JW008	
Synonyms:	Polyquaternium	
Cas No.:	26062-79-3	
EINECS No.:	N/A	
Molecular formula:	(C ₈ H ₁₆ ClN) _n	
Appearance:	colorless to light yellow viscous transparent liquid	
Packing:	25/200L HDPE drum, 1000L IBC	
UN number: N/A	PG: N/A Hazard class: N/A	
HS code:	3402120000	
Applications:	1) flocculant 2) clay stabilizer in oilfield 3) textile auxiliaries	

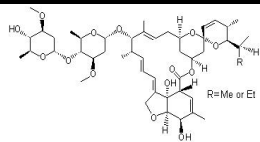
Applications:

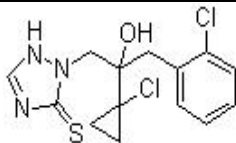
4) cosmetic auxiliaries

WATER TREATMENT CHEMICALS

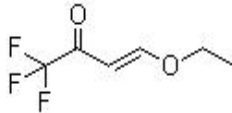
AGROCHEMICALS

155569-91-8; 137512-74-4	Emamectin benzoate 70%, 75%, 83.5% TC	
Company Code:	JC001	
Synonyms:	(4''R)-4''-Deoxy-4''-(methylamino)-avermectin B1 benzoate	
Cas No.:	155569-91-8; 137512-74-4	
EINECS No.:	N/A	
Molecular formula:	$C_{49}H_{75}NO_{13} \cdot C_7H_6O_2$ & $C_{48}H_{73}NO_{13} \cdot C_7H_6O_2$	
Appearance:	white to pale yellow crystalline powder	
Packing:	25kg cardboard drum or kraft bag	
UN number: 2811	PG: III	Hazard class: 6.1
HS code:	3808911900	
Applications:	pesticide, TC	

71751-41-2	Abamectin	
Company Code:	JC002	
Synonyms:	Mixture of Avermectin B1a and Avermectin B1b, Avemectin	
Cas No.:	71751-41-2	
EINECS No.:	N/A	
Molecular formula:	$C_{48}H_{72}O_{14} \cdot C_{47}H_{70}O_{14}$	
Appearance:	white to pale yellow crystalline powder	
Packing:	25kg cardboard drum or kraft bag	
UN number: 2811	PG: I	Hazard class: 6.1
HS code:	3808911900	
Applications:	pesticide, TC	

178928-70-6	prothioconazole	
Company Code:	JC003	
Synonyms:	2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione	
Cas No.:	178928-70-6	

EINECS No.:	N/A
Molecular formula:	C ₁₄ H ₁₅ Cl ₂ N ₃ OS
Appearance:	pale yellow crystalline powder
Packing:	25kg cardboard drum or kraft bag
UN number: 3077	PG: III Hazard class: 9
HS code:	3808911900
Applications:	pesticide, TC

17129-06-5	4-Ethoxy-1,1,1-trifluoro-3-buten-2-one	
Company Code:	JC004	
Synonyms:	2-ethoxyvinyltrifluoroMethylketone	
Cas No.:	17129-06-5	
EINECS No.:	N/A	
Molecular formula:	C ₆ H ₇ F ₃ O ₂	
Appearance:	light yellow transparent liquid	
Packing:	220kg/HDPE plastic drum	
UN number: 1224	PG: III	Hazard class: 3
HS code:	2909199090	
Applications:	Agrochemical intermediate	

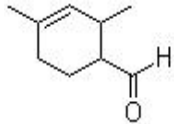
120983-72-4	2-Chloro-1-(1-Chlorocyclopropyl)Ethanone	
Company Code:	JC005	
Synonyms:	2-chloro-1-(1-chlorocyclopropyl)ethan-1-one	
Cas No.:	120983-72-4	
EINECS No.:	N/A	
Molecular formula:	C ₅ H ₆ Cl ₂ O	
Appearance:	colorless to light yellow transparent liquid	
Packing:	250kg/HDPE plastic drum	
UN number: N/A	PG: N/A	Hazard class: N/A
HS code:	2914299000	
Applications:	Agrochemical intermediate	

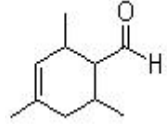
Applications:

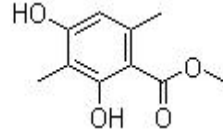
Agrochemical intermediate

AGROCHEMICALS

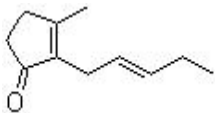
AROMA CHEMICALS

68039-49-6	Ligustral	
Company Code:	JF001	
Synonyms:	2,4-Dimethyl-3-cyclohexenecarboxaldehyde	
Cas No.:	68039-49-6	
EINECS No.:	268-264-1	
Molecular formula:	C ₉ H ₁₄ O	
Appearance:	colorless transparent liquid	
Packing:	200L HDPE drum	
UN number: N/A	PG: N/A	Hazard class: N/A
HS code:	2912299000	
Applications:	1) perfume 2) food flavor	

1335-66-6	Isocyclocitral	
Company Code:	JF002	
Synonyms:	2,4,6-Trimethyl-3-cyclohexene-1-carbaldehyde	
Cas No.:	1335-66-6	
EINECS No.:	215-638-7	
Molecular formula:	C ₁₀ H ₁₆ O	
Appearance:	colorless transparent liquid	
Packing:	200L HDPE drum	
UN number: N/A	PG: N/A	Hazard class: N/A
HS code:	2912299000	
Applications:	1) perfume 2) sanitizer flavor	

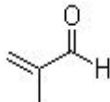
4707-47-5	Veramoss	
Company Code:	JF003	
Synonyms:	Methyl atratate; Methyl 2,4-dihydroxy-3,6-dimethylbenzoate	
Cas No.:	4707-47-5	

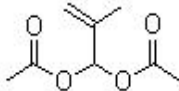
EINECS No.:	225-193-0		
Molecular formula:	C ₁₀ H ₁₂ O ₄		
Appearance:	off-white or apricot color crystalline powder		
Packing:	25L cardboard drum		
UN number: N/A	PG: N/A		Hazard class: N/A
HS code:	2918199090		
Applications:	1) flavor		

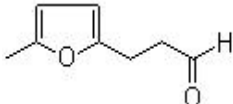
488-10-8	<i>cis</i> -Jasmone	
Company Code:	JF004	
Synonyms:	<i>cis</i> -3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one	
Cas No.:	488-10-8	
EINECS No.:	207-668-4	
Molecular formula:	C ₁₁ H ₁₆ O	
Appearance:	yellow-brown liquid	
Packing:	200L iron drum	
UN number: N/A	PG: N/A	Hazard class: N/A
HS code:	2914299000	
Applications:	1) perfume 2) food flavor 3) cosmetic flavor	

6728-26-3	<i>trans</i> -2-Hexenal (Leaf aldehyde)	
Company Code:	JF005	
Synonyms:	2-(E)-hexenal	
Cas No.:	6728-26-3	
EINECS No.:	229-778-1	
Molecular formula:	C ₆ H ₁₀ O	
Appearance:	light yellow transparent liquid	
Packing:	200L iron drum	
UN number: 1988	PG: III	Hazard class: 3 (6.1)
HS code:	2912190090	
Applications:	1) cosmetic food beverage flavor	

Applications:	1) Cosmetic, food, beverage flavor
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78-85-3	Methacrolein	
Company Code:	JF006	
Synonyms:	Isobutenal	
Cas No.:	78-85-3	
EINECS No.:	201-150-1	
Molecular formula:	C ₄ H ₆ O	
Appearance:	light yellow transparent liquid	
Packing:	150kg/steel drum	
UN number: 2396	PG: II	Hazard class: 3
HS code:	2912190090	
Applications:	1) Pharmaceutical/Agrochemical/Aroma intermediate	

10476-95-6	2-Methylallylidene diacetate	
Company Code:	JF007	
Synonyms:	2-Methyl-2-propene-1,1-diol diacetate	
Cas No.:	10476-95-6	
EINECS No.:	233-974-2	
Molecular formula:	C ₈ H ₁₂ O ₄	
Appearance:	colorless transparent liquid	
Packing:	200L HDPE drum	
UN number: 2810	PG: I	Hazard class: 6.1
HS code:	2909199090	
Applications:	used for synthesis of Helional/Lily aldehyde/3-(4-Isopropylphenyl)Butanal	

34756-16-6	5-Methylfuran-2-propionaldehyde (CJ-2)	
Company Code:	JF008	
Synonyms:	3-(5-Methylfuran-2-yl)propionaldehyde	

Cas No.:	34756-16-6	
EINECS No.:	252-190-1	
Molecular formula:	C ₈ H ₁₀ O ₂	
Appearance:	light yellow transparent liquid	
Packing:	200L iron drum	
UN number: 2733	PG: II	Hazard class: 3
HS code:	2914400090	
Applications:	used for synthesis of <i>cis</i> -Jasmone	

AROMA CHEMICALS

MACROMOLECULAR AUXILIARIES

25104-37-4	Poly(ethyl vinyl alcohol)
Company Code:	JA002
Synonyms:	N/A
Cas No.:	25104-37-4
Appearance	colorless to bright yellow transparent
Solid content, wt%	≥99
Viscosity @23°C, mPa·s	2,000-20,000
Density @20°C, g/cm ³	0.900-1.100
Iodine color	4-20
Glass transition temperature T _g (DSC), °C	approx. -27
Packing	25/200L iron drum
UN number: N/A	PG: N/A Hazar
HS code:	39059900
Applications:	raw material for adhesives / plasticizer / sensitizer

N/A	Poly(<i>n</i> -butyl vinyl alcohol)
Company Code:	JA003
Synonyms:	vinilin, vinilyn
Cas No.:	92680-80-3
Appearance	colorless to bright yellow transparent
Loss of mass after drying, wt%	≤8.0
Relative viscosity @20°C	0.53-0.70
Density @20°C, g/cm ³	0.900-1.000
coefficient of light refraction, n _{20/p}	1.4500-1.4570
pH	3.5-6.0
Packing	25/200L HDPE drum
UN number: N/A	PG: N/A Hazar
HS code:	39059900
Applications:	raw material for adhesives / thickener / and stomach ulcer / lubricant additive

9003-44-5	Poly(isobutyl vinyl)
Company Code:	JA004
Synonyms:	N/A
Cas No.:	9003-44-5
Appearance	colorless to bright yellow transparent
Solid content, wt%	≥99
K value (in a 1% m/vol. solution in tetra-hydrofuran)	53-68
Density @20°C, g/cm ³	0.900-1.000
Iodine color	≤8
Packing	25/200L iron drum
UN number: N/A	PG: N/A Hazar
HS code:	39059900
Applications:	raw material for adhesives / anti-f

N/A	LUTA-50 approx. 50%
Company Code:	JA008
Equivalent:	BASF's Lutonal A 50
Physical form	resin solution
Solid content, wt%	50±2
Viscosity @23°C, mPa·s	5,000-20,000
Density @20°C, g/cm ³	approx. 0.87
Iodine color	≤4
K value (in a 1% m/vol. solution in tetra-hydrofuran)	55-65
Glass transition temperature T _g (DSC), °C	approx. -30
Packing	25/200L iron drum
UN number: N/A	PG: N/A Hazar
HS code:	39059900
Applications:	raw material for adhesives / plastic

N/A	LUTA-25
Company Code:	JA009
Equivalent:	BASF's Lutonal A 25
Physical form	soft resin
Solid content, wt%	> 90
Viscosity @23°C, mPa·s	2,500-4,500
Density @20°C, g/cm ³	approx. 0.96
Iodine color	≤15
K value (in a 1% m/vol. solution in tetra-hydrofuran)	10-17
Glass transition temperature T _g (DSC), °C	approx. -43
Packing:	25/200L iron drum
UN number: N/A	PG: N/A Haz
HS code:	39059900
Applications:	raw material for paints / auxiliary fo

N/A	LUTA-45
Company Code:	JA010
Equivalent:	BASF's Lutonal A 25
Physical form	soft resin
Solid content, wt%	> 90
Viscosity @23°C, mPa·s	4,500-6,000
Density @20°C, g/cm ³	approx. 0.96
Iodine color	≤15
K value (in a 1% m/vol. solution in tetra-hydrofuran)	10-17
Glass transition temperature T _g (DSC), °C	approx. -43
Packing:	25/200L iron drum
UN number: N/A	PG: N/A Haz
HS code:	39059900
Applications:	raw material for paints / auxiliary fo

N/A	LUTI-60 80% in m
Company Code:	JA010
Equivalent:	BASF's Lutonal I 60
Physical form	soft resin
Solid content, wt%	80±2
Density @20°C, g/cm ³	approx. 0.90
Iodine color	≤8
K value (in a 1% m/vol. solution in tetra-hydrofuran)	53-68
Glass transition temperature Tg (DSC), °C	approx. -27
Packing:	25/200L iron drum
UN number: N/A	PG: N/A Haz
HS code:	39059900
Applications:	raw material for adhesives / anti-fc

MACROMOLECULAR AUXILIA

VARIES

ether)
ent viscous liquid
ard Class: N/A
cizer/ thickener / heat

/l ether)
ent viscous liquid
ard Class: N/A
ner / remedy for burns tive

yl ether)
ent viscous liquid
ard Class: N/A
foaming agent in paints

% in ethanol
ard Class: N/A
imizer

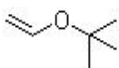
ard Class: N/A
or printing inks

ard Class: N/A
or printing inks

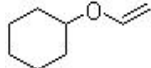
mineral oil
ard Class: N/A
foaming agent in paints

VARIES

DILUENTS FOR UV CURING COATINGS

926-02-3	tert-Butyl vinyl ether	
Company Code:	JC001	
Synonyms:	N/A	
Cas No.:	926-02-3	
EINECS No.:		
Molecular formula:	C ₆ H ₁₂ O	
Appearance:	colorless transparent liquid	
Packing:	130kg/steel drum	
UN number: 3271	PG: II	Hazard class: 3
HS code:	2909199090	
Applications:	1) UV curing coatings diluent	

17832-28-9	1,4-Butanediol vinyl ether	
Company Code:	JC002	
Synonyms:	4-Hydroxybutyl vinyl ether	
Cas No.:	17832-28-9	
EINECS No.:	241-793-5	
Molecular formula:	C ₆ H ₁₂ O ₂	
Appearance:	colorless transparent liquid	
Packing:	180kg/steel drum	
UN number: N/A	PG: N/A	Hazard class: N/A
HS code:	2909199090	
Applications:	1) UV curing coatings diluent	

2182-55-0	Cyclohexyl vinyl ether	
Company Code:	JC003	
Synonyms:	Vinyl cyclohexyl ether	
Cas No.:	2182-55-0	
EINECS No.:	218-561-7	
Molecular formula:	C ₈ H ₁₄ O	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum	

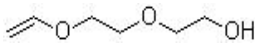
UN number: 3271	PG: III	Hazard class: 3
HS code:	2909200000	
Applications:	1) UV curing coatings diluent	

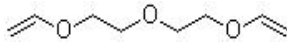
929-62-4	n-Octyl vinyl ether	
Company Code:	JC004	
Synonyms:	1-ethenoxyoctane	
Cas No.:	929-62-4	
EINECS No.:	213-204-1	
Molecular formula:	C ₁₀ H ₂₀ O	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum	
UN number: unknown	PG: unknown	Hazard class: unknown
HS code:	2909199090	
Applications:	1) UV curing coatings diluent	

765-14-0	n-Dodecyl vinyl ether	
Company Code:	JC005	
Synonyms:	Lauryl vinyl ether; 1-(Vinyloxy)dodecane	
Cas No.:	765-14-0	
EINECS No.:	212-141-7	
Molecular formula:	C ₁₄ H ₂₈ O	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum	
UN number: none	PG: none	Hazard class: none
HS code:	2909199090	
Applications:	1) UV curing coatings diluent	

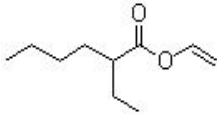
930-02-9	n-Octadecyl vinyl ether	
Company Code:	JC007	
Synonyms:	1-(Vinyloxy)octadecane	
Cas No.:	930-02-9	

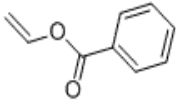
EINECS No.:	213-208-3		
Molecular formula:	C ₂₀ H ₄₀ O		
Appearance:	white/colorless melt		
Packing:	150kg/steel drum		
UN number: none	PG: none	Hazard class: none	
HS code:	2909199090		
Applications:	1) UV curing coatings diluent		

929-37-3	Diethylene glycol monovinyl ether (DVE-1)	
Company Code:	JC008	
Synonyms:	2-(2-ethenoxyethoxy)ethanol	
Cas No.:	929-37-3	
EINECS No.:	213-208-3	
Molecular formula:	C ₆ H ₁₂ O ₃	
Appearance:	colorless transparent liquid	
Packing:	180kg/steel drum	
UN number: 1993	PG: III	Hazard class: 3
HS code:	2909499000	
Applications:	1) UV curing coatings diluent	

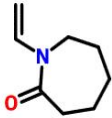
764-99-8	Diethylene glycol divinyl ether (DVE-2)	
Company Code:	JC009	
Synonyms:	1,1'-[Oxybis(ethyleneoxy)]diethylene	
Cas No.:	764-99-8	
EINECS No.:	212-133-3	
Molecular formula:	C ₈ H ₁₄ O ₃	
Appearance:	colorless transparent liquid	
Packing:	180kg/steel drum	
UN number: none	PG: none	Hazard class: none
HS code:	2909499000	
Applications:	1) UV curing coatings diluent	

765-12-8	Triethyleneglycol divinyl ether (DVE-3)	
Company Code:	JC010	
Synonyms:	1,2-bis(2-ethenoxyethoxy)ethane	
Cas No.:	765-12-8	
EINECS No.:		
Molecular formula:	C ₁₀ H ₁₈ O ₄	
Appearance:	colorless transparent liquid	
Packing:	180kg/steel drum	
UN number: none	PG: none	Hazard class: none
HS code:	2909499000	
Applications:	1) UV curing coatings diluent	

94-04-2	2-Ethylhexanoic acid vinyl ester	
Company Code:	JC011	
Synonyms:	Vinyl 2-ethylhexoate	
Cas No.:	94-04-2	
EINECS No.:	202-297-4	
Molecular formula:	C ₁₀ H ₁₈ O ₂	
Appearance:	colorless transparent liquid	
Packing:	180kg/steel drum	
UN number: 3082	PG: III	Hazard class: 9
HS code:	2915900090	
Applications:	1) UV curing coatings diluent	

769-78-8	Vinyl Benzoate	
Company Code:	JC012	
Synonyms:	Benzoic Acid Ethenyl ester	
Cas No.:	769-78-8	
EINECS No.:	212-214-3	
Molecular formula:	C ₁₀ H ₁₀ O ₂	
Appearance:	colorless transparent liquid	
Packing:	180kg/steel drum	
UN number: 3082	PG: III	Hazard class: 9
HS code:	2916399090	

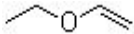
Applications:	1) UV curing coatings diluent
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2235-00-9	N-vinylcaprolactam (NVC)	
Company Code:	JC013	
Synonyms:	1-vinyl-perhydro-azepin-2-one	
Cas No.:	2235-00-9	
EINECS No.:	218-787-6	
Molecular formula:	C ₈ H ₁₃ NO	
Appearance:	colorless to yellow solid	
Packing:	25kg cardboard drum	
UN number: N/A	PG: N/A	Hazard class: N/A
HS code:	2933790090	
Applications:	1) UV curing coatings diluent	

DILUENTS FOR UV CURING COATINGS

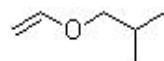
ORGANIC INTERMEDIATES

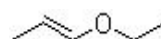
107-25-5	Methyl vinyl ether	
Company Code:	JI001	
Synonyms:	Methoxyethene	
Cas No.:	107-25-5	
EINECS No.:	203-475-4	
Molecular formula:	C ₃ H ₆ O	
Appearance:	colorless gas	
Packing:	steel cylinder	
UN number: 1087	PG: I	Hazard class: 2.1
HS code:	2909199090	
Applications:	1) Paint additive 2) Plasticizer 3) Organic intermediate	

109-92-2	Ethyl vinyl ether	
Company Code:	JI002	
Synonyms:	Ethoxyethene	
Cas No.:	203-718-4	
EINECS No.:	203-475-4	
Molecular formula:	C ₄ H ₈ O	
Appearance:	colorless transparent liquid	
Packing:	130-150kg/steel drum	
UN number: 1302	PG: I	Hazard class: 3
HS code:	2909199090	
Applications:	1) Pharmaceutical/agrochemical intermediate 2) Food/feed additive 3) Flavor & Fragrance intermediate	

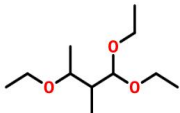
111-34-2	<i>n</i>-butyl vinyl ether	
Company Code:	JI004	
Synonyms:	1-(Ethenyloxy)butane	
Cas No.:	111-34-2	

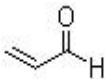
EINECS No.:	203-860-7
Molecular formula:	C ₆ H ₁₂ O
Appearance:	colorless transparent liquid
Packing:	150kg/steel drum
UN number: 2352	PG: II Hazard class: 3
HS code:	2909199090
Applications:	1) Pharmaceutical intermediate 2) Hydroxyl protection agent

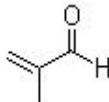
109-53-5	Isobutyl vinyl ether	
Company Code:	JI005	
Synonyms:	1-(Ethenyloxy)-2-methyl-propane	
Cas No.:	109-53-5	
EINECS No.:	203-678-8	
Molecular formula:	C ₆ H ₁₂ O	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum	
UN number: 1304	PG: II	Hazard class: 3
HS code:	2909199090	
Applications:	1) Pharmaceutical intermediate	

928-55-2	Ethyl 1-propenyl ether	
Company Code:	JI009	
Synonyms:	1-Ethoxypropene	
Cas No.:	928-55-2	
EINECS No.:	213-176-0	
Molecular formula:	C ₅ H ₁₀ O	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum	
UN number: 3271	PG: II	Hazard class: 3
HS code:	2909199090	
Applications:	1) Pharmaceutical intermediate	

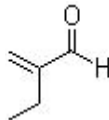
Applications:	1) Pharmaceutical intermediate
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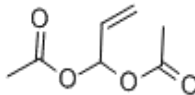
36551-27-6	1,1,3-triethoxy-2-methyl-butane	
Company Code:		
Synonyms:	3-ethoxy-2-methyl-butyraldehyde diethyl acetal	
Cas No.:	36551-27-6	
EINECS No.:	N/A	
Molecular formula:	C ₁₁ H ₂₄ O ₃	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum	
UN number: 3271	PG: III	Hazard class: 3
HS code:	2909199090	
Applications:	1) Pharmaceutical intermediate	

107-02-8	Acrolein	
Company Code:	JI010	
Synonyms:	Acrylic aldehyde; 2-Propenal	
Cas No.:	107-02-8	
EINECS No.:	203-453-4	
Molecular formula:	C ₃ H ₄ O	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum or ISOTANK	
UN number: 1092	PG: I	Hazard class: 6.1(3)
HS code:	2912190030	
Applications:	1) Pharmaceutical/Agrochemical/Aroma intermediate	

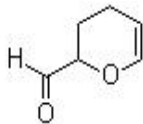
78-85-3	Methacrolein	
Company Code:	JI011	
Synonyms:	Isobutenal	
Cas No.:	78-85-3	

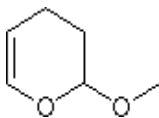
EINECS No.:	201-150-1
Molecular formula:	C ₄ H ₆ O
Appearance:	light yellow transparent liquid
Packing:	150kg/steel drum
UN number: 2396	PG: II Hazard class: 3
HS code:	2912190090
Applications:	1) Pharmaceutical/Agrochemical/Aroma intermediate

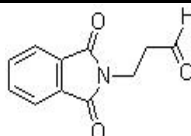
922-63-4	2-Ethylacrolein	
Company Code:	JI012	
Synonyms:	2-Ethylacrylaldehyde	
Cas No.:	922-63-4	
EINECS No.:	213-079-3	
Molecular formula:	C ₅ H ₈ O	
Appearance:	light yellow transparent liquid	
Packing:	150kg/steel drum	
UN number: 1993	PG: II Hazard class: 3	
HS code:	2912190090	
Applications:	1) Pharmaceutical/Agrochemical/Aroma intermediate	

869-29-4	Acrolein diacetate	
Company Code:	JI013	
Synonyms:	Allylidene diacetate	
Cas No.:	869-29-4	
EINECS No.:	213-079-3	
Molecular formula:	C ₇ H ₁₀ O ₄	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum	
UN number: 2810	PG: II Hazard class: 6.1	
HS code:	29110000	
Applications:	1) Pharmaceutical/Agrochemical/Aroma intermediate	

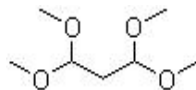
Applications:	1) Pharmaceutical/Agrochemical/Aroma intermediate
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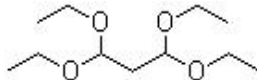
100-73-2	2-Formyl-3,4-dihydro-2H-pyran	
Company Code:	JI014	
Synonyms:	Acrolein dimer	
Cas No.:	100-73-2	
EINECS No.:	202-884-5	
Molecular formula:	C ₆ H ₈ O ₂	
Appearance:	colorless to light yellow transparent liquid	
Packing:	200kg/HDPE drum	
UN number: 2607	PG: III	Hazard class: 3
HS code:	2912500090	
Applications:	1) Pharmaceutical intermediate	

4454-05-1	2-Methoxy-3,4-dihydro-2H-pyran	
Company Code:	JI015	
Synonyms:	3,4-Dihydro-2-methoxy-2H-pyran	
Cas No.:	4454-05-1	
EINECS No.:	224-698-3	
Molecular formula:	C ₆ H ₁₀ O ₂	
Appearance:	colorless transparent liquid	
Packing:	200kg/HDPE drum	
UN number: 3271	PG: II	Hazard class: 3
HS code:	2932999099	
Applications:	1) Pharmaceutical intermediate 2) raw material for glutaraldehyde	

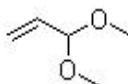
2436-29-5	3-Phthalimidopropionaldehyde	
Company Code:	JI016	
Synonyms:	3-PPA; 3-(1,3-Dioxo-1,3-dihydroisindol-2-yl)propanal	

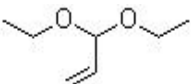
Cas No.:	2436-29-5
EINECS No.:	N/A
Molecular formula:	C ₁₁ H ₉ NO ₃
Appearance:	white to light yellow powder
Packing:	200kg/HDPE drum
UN number: N/A	PG: N/A Hazard class: N/A
HS code:	2922399090
Applications:	1) Pharmaceutical intermediate

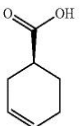
102-52-3	1,1,3,3-Tetramethoxypropane	
Company Code:	JI017	
Synonyms:	Malonaldehyde bis(dimethyl acetal)/Malonaldehyde tetramethyl acetal/TMOP	
Cas No.:	102-52-3	
EINECS No.:	203-037-2	
Molecular formula:	C ₇ H ₁₆ O ₄	
Appearance:	colorless transparent liquid	
Packing:	200kg/HDPE drum	
UN number: 3271	PG: III	Hazard class: 3
HS code:	2909199090	
Applications:	1) Pharmaceutical/Agrochemical intermediate	

122-31-6	1,1,3,3-Tetraethoxypropane	
Company Code:	JI018	
Synonyms:	Malonaldehyde bis(diethyl acetal)	
Cas No.:	122-31-6	
EINECS No.:	204-533-1	
Molecular formula:	C ₁₁ H ₂₄ O ₄	
Appearance:	colorless transparent liquid	
Packing:	200kg/HDPE drum	
UN number: 3271	PG: III	Hazard class: 3
HS code:	2909199090	

Applications:	1) Pharmaceutical/Agrochemical intermediate
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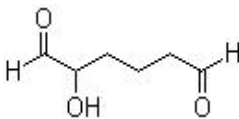
6044-68-4	Acrolein dimethyl acetal	
Company Code:	JI019	
Synonyms:	3,3-Dimethoxy-1-propene	
Cas No.:	6044-68-4	
EINECS No.:	227-936-4	
Molecular formula:	C ₅ H ₁₀ O ₂	
Appearance:	colorless transparent liquid	
Packing:	150kg/HDPE drum	
UN number: 3384	PG: II	Hazard class: 6.1
HS code:	2911000000	
Applications:	1) Pharmaceutical/Agrochemical/Aroma intermediate	

3054-95-3	Acrolein diethyl acetal	
Company Code:	JI020	
Synonyms:	3,3-Diethoxy-1-propene	
Cas No.:	3054-95-3	
EINECS No.:	221-276-0	
Molecular formula:	C ₇ H ₁₄ O ₂	
Appearance:	colorless transparent liquid	
Packing:	150kg/HDPE drum	
UN number: 2374	PG: II	Hazard class: 3
HS code:	2911000000	
Applications:	1) Pharmaceutical/Agrochemical/Aroma intermediate	

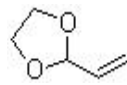
4771-80-6	(S)-3-Cyclohexenecarboxylic acid	
Company Code:	JI021	

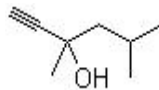
Synonyms:	(S)-1,2,3,6-Tetrahydrobenzoic acid	
Cas No.:	4771-80-6	
EINECS No.:	225-314-7	
Molecular formula:	C ₇ H ₁₀ O ₂	
Appearance:	colorless transparent liquid	
Packing:	200kg/HDPE drum	
UN number: 3265	PG: II	Hazard class: 8
HS code:	2916209090	
Applications:	1) Pharmaceutical intermediate	

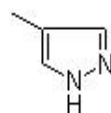
110-94-1	Glutaric acid	
Company Code:	JI022	
Synonyms:	Pentanedioic acid	
Cas No.:	110-94-1	
EINECS No.:	203-817-2	
Molecular formula:	C ₅ H ₈ O ₄	
Appearance:	yellow crystalline powder	
Packing:	25kg/cardboard drum	
UN number: N/A	PG: N/A	Hazard class: N/A
HS code:	2917190090	
Applications:	1) Aroma chemical intermediate 2) Welding agent	

141-31-1	2-Hydroxyhexanedial	
Company Code:	JI023	
Synonyms:	2-Hydroxyadipaldehyde	
Cas No.:	141-31-1	
EINECS No.:	205-479-1	
Molecular formula:	C ₆ H ₁₀ O ₃	
Appearance:	colorless to light yellow transparent liquid	
Packing:	200kg/HDPE drum	
UN number: N/A	PG: N/A	Hazard class: N/A

HS code:	2912499000
Applications:	1) Pharmaceutical intermediate

3984-22-3	2-Vinyl-1,3-dioxolane	
Company Code:	JI024	
Synonyms:	Acrolein ethylene acetal	
Cas No.:	3984-22-3	
EINECS No.:	223-626-8	
Molecular formula:	C ₅ H ₈ O ₂	
Appearance:	colorless to light yellow transparent liquid	
Packing:	200kg/HDPE drum	
UN number: 1992	PG: I	Hazard class: 3(6.1)
HS code:	2934999090	
Applications:	1) Pharmaceutical intermediate	

107-54-0	3,5-Dimethyl-1-hexyn-3-ol	
Company Code:	JI025	
Synonyms:	5-Dimethylhex-1-yn-3-ol	
Cas No.:	107-54-0	
EINECS No.:	203-500-9	
Molecular formula:	C ₈ H ₁₄ O	
Appearance:	colorless transparent liquid	
Packing:	150kg/steel drum	
UN number: 1986	PG: III	Hazard class: 3(6.1)
HS code:	2905290000	
Applications:	1) Pharmaceutical/Agrochemical intermediate	

7554-65-6	4-Methylpyrazole	
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Company Code:	Jl026
Synonyms:	Fomepizol
Cas No.:	7554-65-6
EINECS No.:	231-445-0
Molecular formula:	C ₄ H ₆ N ₂
Appearance:	light yellow transparent liquid
Packing:	180kg/steel drum
UN number: N/A	PG: N/A Hazard class: N/A
HS code:	2933199090
Applications:	1) Pharmaceutical/Agrochemical intermediate

ORGANIC INTERMEDIATES

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