ZEON'S ORGANIC CHEMICALS



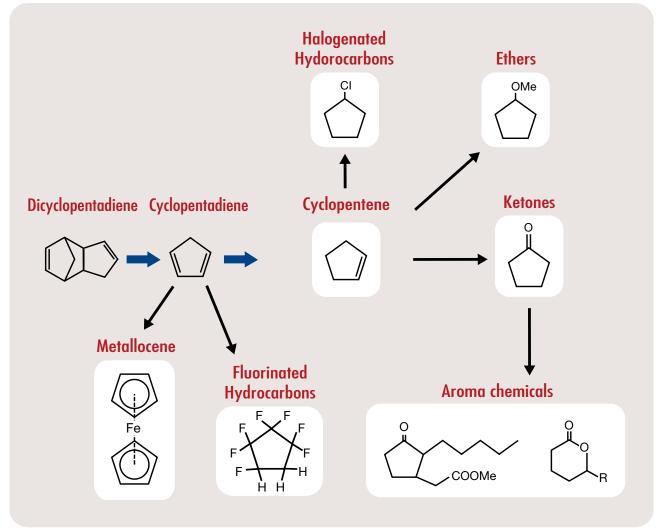
ZEON CORPORATION

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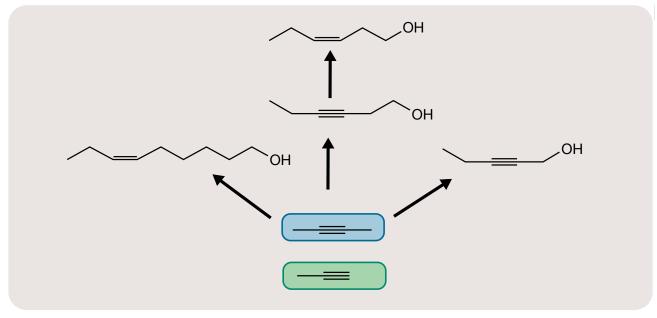


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CYCLOPENTADIENE DERIVATIVES



ALKYLACETYLENE DERIVATIVES



EXPLANATORY NOTES

Registrations: CAS. No.	Chemical Abstracts Service Registry Number
METI. No.	Existing chemicals number registered under the Ministry of Economy Trade and Industry (METI) Regulations
TSCA	Substance listed in the Toxic Substances Control Act inventry
EC	European Inventory of Existing Commercial Chemical Substances European List of Notified Chemical Substances
FEMA	Substance number in the Flavoring and Extract Manufacture's Association list
KOSHER	An item certificated to fit for consumption as KOSHER food according to Jewish law

Physical Properties:

- bp : Boiling point
- mp : Melting point
- fp : Flash point
- d : Density (20/20)

ORGANIC CHEMICALS



ORGANIC CHEMICALS

5-MEMBERED RING COMPOUNDS

Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
Cyclopentene 142-29-0	C5H8 68.12	bp 44℃ fp <-20℃ (closed cup) d 0.774	METI [3-3439] TSCA EC [205-532-9]
Cyclopentane (ZEONSOLV™ HP) 287-92-3	C5H10 70.13	bp 50℃ fp <-20℃ (closed cup) d 0.751	METI [3-4166] TSCA EC [206-016-6]
Cyclopentylchloride 930-28-9	CI C5H9CI 104.58	bp 114℃ fp 17.5℃ (closed cup) d 1.005	METI [3-4323] TSCA EC [213-212-5]
Cyclopentanone 120-92-3	0 U C5H8O 84.12	bp 130°C-131°C fp 34.5°C (closed cup) d 0.951	METI [9-2108] TSCA EC [204-435-9]
Cyclopentyl methyl ether 5614-37-9	OCH3 C6H12O 100.16	bp 106℃ mp <-140℃ fp -1℃ (closed cup) d 0.86	METI [3-4548] TSCA EC [445-090-6]

Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
1,1,2,2,3,3,4-Heptafluoro- cyclopentane (ZEORORA®-H) 15290-77-4	F F F H H H H H C5H3F7 196.07	bp 82.5℃ mp 20.5℃ fp none (closed cup) d 1.58	METI [3-4446] TSCA EC [430-710-1]

ORGANIC CHEMICALS

ALKYLACETYLENE DERIVATIVES

Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
3-Hexyn-1-ol 1002-28-4	C6H10O 98.15	bp 63-64°C/16hpa fp 64°C (closed cup) d 0.898	METI [2-3191] TSCA EC [213-685-8]
2-Pentyn-1-ol 6261-22-9	Он С₅НвО 84.12	bp 84-85°C/76hpa fp 57.3°C (closed cup) d 0.909	METI [2-3355] TSCA EC [228-411-2]

OTHERS

Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
Ferrocene 102-54-5	C10H10Fe 186.04	mp 174-176℃	METI [3-2568] TSCA EC [203-039-3]

EMOSCENT® AROMA CHEMICALS



EMOSCENT® AROMA CHEMICALS

Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
<i>cis-</i> 3-Hexenol (Leaf alcohol) 928-96-1	С6H12O 100.16	fp 59±2℃ (closed cup) d 0.850	METI [2-2393] TSCA EC [213-192-8] FEMA [2563] KOSHER
<i>cis-</i> 3-Hexenyl acetate 3681-71-8	СвН14О2 142.20	fp 57±2°C (closed cup) d 0.901	METI [2-2533] TSCA EC [222-960-1] FEMA [3171] KOSHER
<i>cis</i> -3-Hexenyl salicylate 65405-77-8	HO MO HO C13H16O3 220.27	fp 156°C (open cup) d 1.062	METI [3-3041] TSCA EC [265-745-8] FEMA [4750] KOSHER
<i>cis-</i> 3-Hexenal 6789-80-6	<u>∧</u> ∧ _{СНО} С6Н10О	fp 26°C (closed cup) d 0.926	METI [2-520] TSCA EC [229-854-4] FEMA [2561]

Product Name CAS No.	Structure Formula M.W.	Physicaal properties	Registrations
3,6-Nonadienol 76649-25-7	С9H16O 140.22	fp 104°C (open cup) d 0.872	METI [2-258] TSCA EC [278-518-3] FEMA [3885] KOSHER
<i>cis-</i> 6-Nonenol 35854-86-5	✓//OH С9Н18О 142.24	fp 95℃ (open cup) d 0.850	METI [2-258] TSCA EC [252-764-1] FEMA [3465] KOSHER
Acetaldehyde ethyl cis-3- hexenyl acetal (Leaf acetal) 28069-74-1	C10H20O2 172.27	fp 69.5℃ (closed cup) d 0.853	METI [2-2458] TSCA EC [248-817-3] FEMA [3775]

EMOSCENT® AROMA CHEMICALS

JASMINE NOTES

Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
Methyl dihydrojasmonate (CLAIGEON™) 24851-98-7	O U CO2Me C13H22O3 226.32	fp 160°C (open cup) d 1.002	METI [3-3309] TSCA EC [246-495-9] FEMA [3408]
Methyl epi-dihydrojasmonate (CEPIONATE™) 24851-98-7	0 СО2Me С13H22O3 226.32	fp 160°C (open cup) d 1.004 epimer content 30.00~35.00%	METI [3-3309] TSCA EC [246-495-9] FEMA [3408]
Methyl jasmonate (JASMONEIGE™) 39924-52-2	0 CO2Me C13H20O3 224.30	fp 156℃ (open cup) d 1.025	METI [3-3839] TSCA EC [254-705-5] FEMA [3410] KOSHER
Methyl epi-jasmonate (ZEPPIN™) 39924-52-2	О СО2Ме С13H20O3 224.30	fp 156°C d 1.027 epimer content 20.00~23.00%	METI [3-3839] TSCA EC [254-705-5] FEMA [3410] KOSHER
Jasminlactone 25524-95-2	0 0 C10H16O2 168.24	fp 155℃ (open cup) d 1.001	METI [5-6352] TSCA EC [247-074-2] FEMA [3745] KOSHER

Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
<i>cis-</i> Jasmon 488-10-8	0 C11H16O 164.25	fp 127.5℃ (open cup) d 0.943	METI [3-2394] TSCA EC [207-668-4] FEMA [3196]

EMOSCENT® AROMA CHEMICALS

LACTONE NOTES

Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
delta-Decalactone 705-86-2	О ЧО С10Н18О2 170.25	fp 148°C (open cup) d 0.971	METI [5-698] TSCA EC [211-889-1] FEMA [2361]
delta-Undecalactone 710-04-3	0 H 0 C ₁₁ H ₂₀ O ₂ 184.28	fp 159°C (open cup) d 0.960	METI [5-698] TSCA EC [211-915-1] FEMA [3294]
delta-Dodecalactone 713-95-1	0 40 C12H22O2 198.31	fp 171℃ (open cup) d 0.951	METI [5-698] TSCA EC [211-932-4] FEMA [2401]
(R)-(+)delta-Decalactone (delta-Decalactone R-80) 705-86-2		fp 148℃ (open cup) d 0.971 ee > 80.00%	METI [5-698] TSCA EC [211-889-1] FEMA [2361] KOSHER

OTHERS			
Product Name CAS No.	Structure Formula M.W.	Physical properties	Registrations
Prenyl acetate 1191-16-8	С7H12O2 128.17	fp 49.5℃ (closed cup) d 0.921	METI [2-2532] TSCA EC [214-730-4] FEMA [4202]

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FOR MORE INFORMATION

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If you have any questions about our specialty chemicals or have any interest in further information or samples, please contact:

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