

H4R Consortium Letter of Access Price List - Categories 3, 4, 8 and Hydrocarbons - 2016*

H4R Category	CAS	EC	Alt. CAS	Substance Name	>1000 tpa			100 to 1000 tpa			10 to 100 tpa			1 to 10 tpa	Intermediates > 1000 tpa
					Letter of Access Cost	2016 Testing Costs	Total Cost	Letter of Access Cost	2016 Testing Costs	Total Cost	Letter of Access Cost	2016 Testing Costs	Total Cost	Letter of Access Cost	Letter of Access Cost
3	8050-28-0	232-480-4	85409-30-9	Rosin, maleated	€ 63,000	€ 12,097	€ 75,097	€ 45,000	€ 12,097	€ 57,097	€ 19,000	€ 6,289	€ 25,289	€ 10,000	€ 10,000
3	65997-04-8	266-040-8	85631-69-2	Rosin, fumarated	€ 41,000	€ 12,097	€ 53,097	€ 29,000	€ 12,097	€ 41,097	€ 13,000	€ 6,289	€ 19,289	€ 7,000	€ 7,000
3	91722-01-9	294-402-5	N/A	Resin acids and Rosin acids, maleated, calcium salts	€ 34,000	€ 12,097	€ 46,097	€ 24,000	€ 12,097	€ 36,097	€ 11,000	€ 6,289	€ 17,289	€ 6,000	€ 6,000
3	68201-60-5	269-228-8	N/A	Resin acids and Rosin acids, maleated, sodium salts	€ 34,000	€ 12,097	€ 46,097	€ 24,000	€ 12,097	€ 36,097	€ 11,000	€ 6,289	€ 17,289	€ 6,000	€ 6,000
3	95009-65-7	305-795-0	N/A	Rosin, fumarated, reaction products with formaldehyde	€ 94,000			€ 66,000			€ 29,000			€ 15,000	€ 15,000
4	92202-14-7	296-047-1	N/A	Rosin, fumarated, reaction products with glycerol and pentaerythritol	€ 159,000	€ 20,025	€ 179,025	€ 112,000	€ 20,025	€ 132,025	€ 48,000	€ 6,596	€ 54,596	€ 24,000	€ 24,000
4	94581-15-4	305-514-1	65997-11-7 / 161074-62-0	Resin acids and Rosin acids, fumarated, esters with pentaerythritol	€ 103,000	€ 20,025	€ 123,025	€ 73,000	€ 20,025	€ 93,025	€ 31,000	€ 6,596	€ 37,596	€ 16,000	€ 16,000
4	94581-17-6	305-516-2	N/A	Resin acids and Rosin acids, maleated, esters with pentaerythritol	€ 29,000	€ 20,025	€ 49,025	€ 21,000	€ 20,025	€ 41,025	€ 9,000	€ 6,596	€ 15,596	€ 5,000	€ 5,000
4	97489-11-7	307-051-0	N/A	Resin acids and Rosin acids, fumarated, esters with glycerol	€ 29,000	€ 20,025	€ 49,025	€ 21,000	€ 20,025	€ 41,025	€ 9,000	€ 6,596	€ 15,596	€ 5,000	€ 5,000
8	8016-81-7	232-414-4	N/A	Tall-oil pitch	€ 38,000	€ -	€ 38,000	€ 27,000	€ -	€ 27,000	€ 12,000	€ -	€ 12,000	€ 6,000	€ 6,000
8	8002-26-4	232-304-6	N/A	Tall oil	€ 49,000	€ -	€ 49,000	€ 35,000	€ -	€ 35,000	€ 15,000	€ -	€ 15,000	€ 8,000	€ 8,000
8	65997-03-7	266-039-2	N/A	Fatty acids, tall-oil, low-boiling	€ 49,000	€ -	€ 49,000	€ 35,000	€ -	€ 35,000	€ 15,000	€ -	€ 15,000	€ 8,000	€ 8,000
N/A	160901-14-4	500-451-8	160901-15-5 / 16901-16-6	Fatty acids, tall oil, oligomeric reaction products with maleic anhydride and rosin, calcium magnesium zinc salts	€ 63,000	€ 12,097	€ 75,097	€ 45,000	€ 12,097	€ 57,097	€ 19,000	€ 6,289	€ 25,289	€ 10,000	€ 10,000
N/A	70750-57-1	500-245-8	N/A	Terpenes and terpenoids, turpentine-oil, α-pinene fraction, oligomers	€ 43,000	N/A	€ 43,000	€ 31,000			€ 13,000			€ 7,000	€ 7,000
Hydrocarbons		700-960-7	N/A	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	€ 211,000	Contact Consortium Manager	Contact Consortium Manager	€ 148,000	Contact Consortium Manager	Contact Consortium Manager	€ 64,000	Contact Consortium Manager	Contact Consortium Manager	€ 32,000	€ 32,000
Hydrocarbons	71302-83-5		63393-89-5 / 68131-77-1	C9-hydrocarbons, unsaturated, polymerized	€ 312,000	N/A	€ 312,000	€ 219,000	N/A	€ 219,000	€ 94,000	N/A	€ 94,000	€ 47,000	€ 47,000

* Costs subject to change due to ongoing testing program applicable to Categories 1, 2, 3 and 4