

## Shell Chemicals REACH product inventory

To comply with the requirements of the REACH (Registration, Evaluation and Authorisation of Chemicals) legislation, Shell chemicals companies expect the products listed below to be registered in accordance with the extended registration deadlines. For the majority of our products this is before 1st December 2010.

Important Note: these pre-registrations and expected registrations **DO NOT** cover the following:

- 1. The manufacture of these products by Shell outside the EU, and**
- 2. The importation of these products into Europe by non-Shell companies. Re-importation by non-Shell companies is not covered by Shell pre-registrations.**

Customers and other third parties importing and/or re-importing Shell Chemicals products into Europe will need either:

- Their own (pre-) registration for the substances contained in the imported product, or constituent monomers (imported above 1 tonne per year and > 2% by weight) in the case of imported polymers, or
- In the case of importation only, to make use of the 'Only Representative' provisions, if available.

The pre-registration numbers below are provided as a confirmation of pre-registration for the relevant Shell legal entities (one pre-registration number is quoted per legal entity). A pre-registration number is not a guarantee of registration, however, Shell Chemicals currently (November 2008) expect registration of the products listed below. Note that these pre-registration numbers are provided to our customers as a confirmation of Shell Chemicals pre-registrations. As there is no legal obligation to communicate pre-registration numbers in the supply chain and these numbers cannot be checked against any list provided by the European Chemicals Agency, it is not advised to communicate these numbers further in the supply chain, and they have not been provided for that purpose.

More information on our products can be found at the [Shell Chemicals website](#). If you have any questions about (pre-) registration, please address them to your usual Shell Chemicals representative or [contact us](#).



### Alpha olefins/detergent alcohols

Olefins

Product	Product Code	CAS No.	Pre-registration No.	Comment
NEODENE 6 XHP	V1262	592-41-6	05-2114289951-35-0000 05-2114290244-51-0000	
NEODENE 8	V1168	111-66-0	05-2114289952-33-0000 05-2114290245-49-0000	
NEODENE 10	V1141	872-05-9	05-2114289954-29-0000 05-2114290246-47-0000	
NEODENE 12	V1142	112-41-4	05-2114289955-27-0000 05-2114290247-45-0000	
NEODENE 12 / 14	V1159			Expect all relevant components to be registered

NEODENE 14	V1143	1120-36-1	05-2114289956-25-0000 05-2114290249-41-0000	
NEODENE 14 / 16	V1161			Expect all relevant components to be registered
NEODENE 14 / 16 / 18	V1176			Expect all relevant components to be registered
NEODENE 16	V1144	629-73-2	05-2114289957-23-0000 05-2114290250-58-0000	
NEODENE 16 / 18	V1152			Expect all relevant components to be registered
NEODENE 8/10	V1179	68526-55-6	05-2114289962-32-0000 05-2114290254-50-0000	
NEODENE 8/10 IO	V1271	68526-55-6	05-2114289962-32-0000 05-2114290254-50-0000	
NEODENE 10 IO	V1197	68526-55-6	05-2114289962-32-0000 05-2114290254-50-0000	
NEODENE 11/12 IO	V1147	25378-22-7	05-2114289965-26-0000 05-2114290257-44-0000	
NEODENE 103	V1389			Expect all relevant components to be registered
NEODENE 13 IO	V1181	25377-82-6	05-2114289966-24-0000 05-2114290258-42-0000	
NEODENE 13/14 IO	V1148	26952-13-6	05-2114289964-28-0000 05-2114290256-46-0000	
NEODENE 15/16 IO	V1277			Expect all relevant components to be registered
NEODENE 1518 IO	V1192			Expect all relevant components to be registered
NEODENE 1618 IO	V1205			Expect all relevant components to be registered
NEODENE 18	V1145	112-88-9	05-2114289958-21-0000 05-2114290251-56-0000	
NEODENE 2022	V1131	93924-10-8	05-2114289959-19-0000 05-2114290252-54-0000	
NEODENE 2024	V2145	93924-10-8	05-2114289959-19-0000 05-2114290252-54-0000	

#### Alcohols

Product	Product Code	CAS No.	Pre-registration No.	Comment
LINEVOL 11	V9335	112-42-5	05-2114289975-25-0000	
LINEVOL 79	V9329	68603-15-6	05-2114289969-18-0000 05-2114290262-53-0000	

LINEVOL 711	V9323	68603-15-6	05-2114289969-18-0000 05-2114290262-53-0000	
LINEVOL 911	V9332	68603-15-6	05-2114289969-18-0000 05-2114290262-53-0000	
NEODOL 1	V2705	112-42-5	05-2114289975-25-0000	
NEODOL 5	V2367	629-76-5	05-2114289973-29-0000	
NEODOL 23	V2728	67762-41-8	05-2114289970-35-0000 05-2114290263-51-0000	
NEODOL 25	V2451	68855-56-1	05-2114289971-33-0000 05-2114290264-49-0000	
NEODOL 45	V2456	75782-87-5	05-2114289972-31-0000 05-2114290265-47-0000	
NEODOL 67	V2725	93762-74-4	05-2114289974-27-0000	
NEODOL 91	V2729	68603-15-6	05-2114289969-18-0000 05-2114290262-53-0000	
NEODOL 93	V2732	68603-15-6	05-2114289969-18-0000 05-2114290262-53-0000	
NEODOL 135	V2483			Expect all relevant components to be registered
NEODOL 145	V2485			Expect all relevant components to be registered
NEODOL 245	V225U	67762-41-8	05-2114289970-35-0000 05-2114290263-51-0000	

#### Alcohol Ethoxylates

Product	Product Code	CAS No.	Pre-registration No.	Comment
NEODOL 91-5	V2460			Polymer exempt from registration; monomers pre-registered
NEODOL 91-6	V2461			Polymer exempt from registration; monomers pre-registered
NEODOL 91-8	V2462			Polymer exempt from registration; monomers pre-registered
NEODOL 1-9	V2492			Polymer exempt from registration; monomers pre-registered
NEODOL 23-2	V2597	66455-14-9	05-2114290028-49-0000	
NEODOL 23-3	V2598			Polymer exempt from registration; monomers pre-registered
NEODOL 25-1.3	V2599	68131-39-5	05-2114290026-53-0000	
NEODOL 25-5	V2452			Polymer exempt from registration;

				monomers pre-registered
NEODOL 25-7	V2453			Polymer exempt from registration; monomers pre-registered
NEODOL 25-9	V2454			Polymer exempt from registration; monomers pre-registered
NEODOL 25-12	V2455			Polymer exempt from registration; monomers pre-registered
NEODOL 45-3	V2500			Polymer exempt from registration; monomers pre-registered
NEODOL 45-6.8	V2458			Polymer exempt from registration; monomers pre-registered
NEODOL 45-7	V2459			Polymer exempt from registration; monomers pre-registered

## Miscellaneous Higher Olefins and Derivatives products

Product	Product Code	CAS No.	Pre-registration No.	Comment
NEODOL PC (all grades)				Expect all relevant components to be registered
NEOFLO (all grades)				Expect all relevant components to be registered
C113 SHF PARAFFINS	V1300	93924-07-3	05-2114289960-36-0000 05-2114290253-52-0000	



## Ethylene oxide / glycols

Product	Product Code	CAS No.	Pre-registration No.	Comment
Ethylene Oxide (EO)	U1111	75-21-8	05-2114290032-60-0000 05-2114307767-43-0000 05-2116028568-39-0000	
Ethylene Glycol (MEG)	U1216 U1281 U1284 U1285	107-21-1	05-2114290033-58-0000 05-2114307778-40-0000 05-2114114516-57-0000	
Diethylene Glycol (DEG)	U1234 U1237	111-46-6	05-2114290034-56-0000 05-2114307791-52-0000	
Triethylene Glycol (TEG)	U1256	112-27-6	05-2114290035-54-0000 05-2114307801-59-0000	
Brake Fluids – all grades	All codes			Expect all relevant components to be registered
PEG HB	U1617	25322-68-3	05-2114290037-50-0000 05-2114307807-47-0000	
Ethleneglycol mono butyl ether = 2-Butoxyethanol = Butyl Oxitol	U5117	111-76-2	05-2114290041-61-0000 05-2114307817-46-0000 05-2114114517-55-0000	
Diethleneglycol mono butyl ether = 2-(2-butoxyethoxy)ethanol = Butyl Dioxitol	U5718	112-34-5	05-2114290044-55-0000 05-2114307828-43-0000 05-2114114520-68-0000	
BTTO	U5110			Expect all relevant components to be registered



## Base Chemicals

Product	Product Code	CAS No.	Pre-registration No.	Comment
Benzene		71-43-2	05-2114289917-27-0000 05-2114290208-47-0000 05-2114290489-33-0000 05-2114307328-53-0000 05-2114307714-54-0000 05-2114329585-43-0000 05-2114307920-57-0000	
Toluene		108-88-3	05-2114289946-26-0000 05-2114290213-56-0000 05-2114290503-51-0000 05-2114307334-60-0000 05-2114307747-45-0000 05-2114307929-39-0000 05-2114329601-57-0000	
Mixed Xylenes		1330-20-7	05-2114289947-24-0000 05-2114290504-49-0000 05-2114329604-51-0000 05-2114307930-56-0000	
Ortho Xylene		95-47-6	05-2114289948-22-0000 05-2114290505-47-0000 05-2114329606-47-0000 05-2114307931-54-0000	
Para Xylene		106-42-3	05-2114289949-20-0000 05-2114290506-45-0000 05-2114329608-43-0000 05-2114307932-52-0000	
Acetylene		74-86-2	05-2114289916-29-0000 05-2114307713-56-0000	
Butadiene		106-99-0	05-2114289918-25-0000 05-2114307715-52-0000	
Dicyclopentadiene		77-73-6	05-2114289919-23-0000 05-2114307716-50-0000 05-2114307798-38-0000	
Ethylene		74-85-1	05-2114289923-34-0000 05-2114290490-50-0000 05-2114307718-46-0000	
Propylene		115-07-1	05-2114289924-32-0000 05-2114290209-45-0000 05-2114290491-48-0000 05-2114307719-44-0000 05-2114307800-61-0000 05-2114307329-51-0000	
Butene -1		106-98-9	05-2114289925-30-0000 05-2114307720-61-0000	
Isoprene		78-79-5	05-2114289933-33-0000 05-2114307729-43-0000	

Piperylene		68477-35-0	05-2114289934-31-0000 05-2114307731-58-0000 05-2114307805-51-0000	
Methanol		67-56-1	05-2114289939-21-0000 05-2114290498-34-0000 05-2114307735-50-0000 05-2114307815-50-0000 05-2114329592-48-0000 05-2114307925-47-0000	



## Propylene oxide and derivatives

Product	Product Code	CAS No.	Pre-registration No.	Comment
CARADOL ET250-04	U1754	25791-96-2		Polymer exempt from registration; monomers pre-registered
CARADOL ET380-02	U1726	25791-96-2	05-2114289994-25-0000 05-2114307847-43-0000 05-2114307843-51-0000	NLP* to register
CARADOL EP500-11	U1705	preparation		NLP* components to register
CARADOL SC56-15	U3194	25791-96-2		Polymer exempt from registration; monomers pre-registered
CARADOL ED110-03	U174A	25322-69-4		Polymer exempt from registration; monomers pre-registered
CARADOL ED260-02	U1740	25322-69-4		Polymer exempt from registration; monomers pre-registered
CARADOL ED56-10	U1755	25322-69-4		Polymer exempt from registration; monomers pre-registered
CARADOL SC48-03	U3172	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL SC48-08	U311L	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL SA36-02	U3158	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL SP37-25F	U317J	9082-00-2		Polymer exempt from registration; monomers pre-registered

CARADOL SP44-10	U317H	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL SP44-10F	U317I	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL SP30-15	U317L	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL MD28-02	U3110	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL SP50-04	U318A	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL MD36-13	U3199	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL MD22-40	U317E	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL ED56-07	U1723	9003-11-6		Polymer exempt from registration; monomers pre-registered
CARADOL ED28-08	U1760	9003-11-6		Polymer exempt from registration; monomers pre-registered
CARADOL ET36-17	U1774	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL ET34-08	U1746	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL ET28-03	U1742	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL ET48-07	U1749	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL SP37-25	U317F	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL MD 27-25	U317K	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL MD30-45	U317C	preparation		Polymer exempt from registration; monomers pre-

				registered
CARADOL MD30-45F	U317D	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL MD34-05	U311B	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL MD36-21	U311E	9082-00-2		Polymer exempt from registration; monomers pre-registered
CARADOL SP37-25V	U317P	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL SP42-15	U317G	preparation		Polymer exempt from registration; monomers pre-registered
CARADOL SP42-15V	U317Q	preparation		Polymer exempt from registration; monomers pre-registered
Dipropylene glycol	U521	25265-71-8		Pre-registered and expected to be registered
Monopropylene glycol & Monopropylene glycol (USP)	U1511/12	57-55-6		Pre-registered and expected to be registered
Propylene oxide	U1112	75-56-9	05-2114290003-61-0000 05-2114307869-37-0000	

\*NLP = No Longer Polymer



## Solvents / Phenol

Product	Product Code	CAS No.	Pre-registration No.	Comment
Acetone	S1212 U8903 S1260	67-64-1	05-2114290023-59-0000 05-2115290057-46-0000 05-2115292011-60-0000	
Diacetone alcohol (DAA)	S1213	123-42-2	05-2114290008-51-0000 05-2114307881-51-0000 05-2114307863-49-0000	
Dicyclopentadiene		77-73-6	05-2114289919-23-0000 05-2114307716-50-0000 05-2114307798-38-0000	
Di-isobutyl ketone	S1226	108-83-8	05-2114290025-55-0000 05-2114307883-47-0000 05-2114307865-45-0000	
Isopropyl alcohol (IPA)	S1111 S1114 S1119 S1145	67-63-0	05-2114290010-66-0000 05-2114307884-45-0000 05-2114307866-43-0000	

	S1155			
Methyl ethyl ketone (MEK)	S2113	78-93-3	05-21183331-57-0000 05-2114307891-50-0000 05-2114307872-50-0000	
Methyl isobutyl carbinol (MIBC)	S1216	108-11-2	05-2114290012-62-0000 05-2114307893-46-0000 05-2114307873-48-0000	
Methyl isobutyl ketone (MIBK)	S1215	108-10-1	05-2114290013-60-0000 05-2114307894-44-0000 05-2114307875-44-0000	
Secondary butyl alcohol (SBA)	S2111	78-92-2	05-2114290014-58-0000 05-2114307895-42-0000 05-2114307876-42-0000	
Toluene	T1402 Q9148 Q9131 Q9250 Q9300 Q9308 X211H	108-88-3	05-2114289946-26-0000 05-2114290213-56-0000 05-2114290503-51-0000 05-2114307334-60-0000 05-2114307747-45-0000 05-2114307929-39-0000 05-2114329601-57-0000	
Mixed Xylenes	Q9151 T1404 Q9156 Q5891 Q9306	1330-20-7	05-2114289947-24-0000 05-2114290504-49-0000 05-2114329604-51-0000 05-2114307930-56-0000	
Isopentane	Q1111	78-78-4	05-2114290015-56-0000 05-2114307896-40-0000 05-2114307877-40-0000	
n-Pentane	Q1116	109-66-0	05-2114290016-54-0000 05-2114307898-36-0000 05-2114307878-38-0000	
Pentane blends	Q1113 Q1114 Q1117			Expect all relevant components to be registered
Hexane Polymer Grade	Q1241	64742-49-0	05-2114290017-52-0000 05-2114307899-34-0000 05-2114307880-53-0000	
Hexane Extraction Grade	Q1252	64742-49-0	05-2114290017-52-0000 05-2114307899-34-0000 05-2114307880-53-0000	
SBP 40/65 LNH	Q5113	64742-49-0		Expect all relevant components to be registered
Isohexane LNH (SBP 58/62)	Q1215	64742-49-0	05-2114290017-52-0000 05-2114307899-34-0000 05-2114307880-53-0000	
SBP 60/95 LNH	Q2266	64742-49-0		Expect all relevant components to be registered
SBP 80/95 LNH	Q5115	64742-49-0	05-2114290017-52-0000 05-2114307899-34-0000	

			05-2114307880-53-0000	
SBP 80/110 LNH	Q5411	64742-49-0	05-2114290017-52-0000 05-2114307899-34-0000 05-2114307880-53-0000	
Heptane	Q1352	64742-49-0	05-2114290017-52-0000 05-2114307899-34-0000 05-2114307880-53-0000	
SBP 100/140	Q5811	64742-49-0	05-2114290017-52-0000 05-2114307899-34-0000 05-2114307880-53-0000	
SBP 100/165	Q5712	64742-49-0		Expect all relevant components to be registered
SBP 140/165	Q5911	64742-49-0	05-2114290017-52-0000 05-2114307899-34-0000 05-2114307880-53-0000	
ShellSol D40	Q3362	64742-48-9	05-2114290018-50-0000 05-2114307900-59-0000 05-2114307882-49-0000	
ShellSol D60	Q3522	64742-48-9	05-2114290018-50-0000 05-2114307900-59-0000 05-2114307882-49-0000	
ShellSol DSC	Q3527	64742-48-9	05-2114290018-50-0000 05-2114307900-59-0000 05-2114307882-49-0000	
ShellSol D70	Q7712	64742-47-8	05-2114290022-61-0000 05-2114307908-43-0000 05-2114307890-52-0000	
ShellSol D90	Q7726	64742-47-8	05-2114290022-61-0000 05-2114307908-43-0000 05-2114307890-52-0000	
SURDYNE B140	X173A	64742-47-8	05-2114290022-61-0000 05-2114307908-43-0000 05-2114307890-52-0000	
Shell Fenella ALF	Q7816	64742-47-8	05-2114290022-61-0000 05-2114307908-43-0000 05-2114307890-52-0000	
ShellSol D100 / D100s	Q7729	64742-47-8	05-2114290022-61-0000 05-2114307908-43-0000 05-2114307890-52-0000	
Kristalloel 21 (K21)	Q3131	64742-82-1	05-2114290019-48-0000 05-2114290328-43-0000 05-2114307902-55-0000 05-2114307885-43-0000	
Kristalloel 30 (K30)	Q3232	64742-82-1	05-2114290019-48-0000 05-2114290328-43-0000 05-2114307902-55-0000 05-2114307885-43-0000	
Low Aromatic White Spirit (LAWS)	Q3312	64742-82-1	05-2114290019-48-0000 05-2114290328-43-0000 05-2114307902-55-0000 05-2114307885-43-0000	

Kristalloel 60 (K60)	Q3514	64742-82-1	05-2114290019-48-0000 05-2114290328-43-0000 05-2114307902-55-0000 05-2114307885-43-0000	
ShellSol H	Q3512	64742-82-1	05-2114290019-48-0000 05-2114290328-43-0000 05-2114307902-55-0000 05-2114307885-43-0000	
ShellSol T	Q7412	64741-65-7	05-2114290020-65-0000 05-2114307903-53-0000 05-2114307887-39-0000	
ShellSol TD	Q7411	64741-65-7	05-2114290020-65-0000 05-2114307903-53-0000 05-2114307887-39-0000	
ShellSol TH	Q7424	64741-65-7		Expect all relevant components to be registered
ShellSol A100	Q7391	64742-95-6	05-2114163087-49-0000 05-2114290329-41-0000 05-2114307905-49-0000 05-2114307888-37-0000	
DEASOL 99	Q7258	64742-95-6	05-2114163087-49-0000 05-2114290329-41-0000 05-2114307905-49-0000 05-2114307888-37-0000	
ShellSol A150	Q7480	64742-94-5	05-2114290021-63-0000 05-2114307906-47-0000 05-2114307889-35-0000	
ShellSol A150ND	Q7497	64742-94-5	05-2114290021-63-0000 05-2114307906-47-0000 05-2114307889-35-0000	
PHENOL	S1223	108-95-2	05-2114290006-55-0000	
Ethyleneglycol mono butyl ether = 2-Butoxyethanol = Butyl Oxitol	U5117	111-76-2	05-2114290041-61-0000 05-2114307817-46-0000 05-2114114517-55-0000	
Diethyleneglycol mono butyl ether = 2-(2-butoxyethoxy)ethanol = Butyl Dioxitol	U5718	112-34-5	05-2114290044-55-0000 05-2114307828-43-0000 05-2114114520-68-0000	
Ethyl PROXITOL	U5140	1569-02-4	05-2114289998-17-0000 05-2114307851-54-0000 05-2114307855-46-0000	
Methyl DIPROXITOL	U5139	34590-94-8	05-2114289999-15-0000 05-2114307856-44-0000 05-2114307853-50-0000	
Methyl PROXITOL	U5141	107-98-2	05-2114290000-67-0000 05-2114307858-40-0000 05-2114307854-48-0000	
Methyl PROXITOL acetate	U5126	108-65-6	05-2114290001-65-0000	



Other

Product	Product Code	CAS No.	Pre-registration No.	Comment
Styrene Monomer	Q9211 Q9215	100-42-5	05-2114290004-59-0000 05-2114307871-52-0000	
Ethylbenzene	Q9212 Q9216 Q9217 Q9218	100-41-4	05-2114290005-57-0000 05-2114290330-58-0000 05-2114307879-36-0000 05-2114307861-53-0000	