

REACH REGISTRATIONS
PETROBRAS GLOBAL TRADING B.V. (PGT BV) as PETROBRAS S.A. only representative

| EC NUMBER | CAS NUMBER | NAME OF THE CHEMICAL SUBSTANCE |
|-----------|------------|---|
| 200-315-5 | 57-13-6 | Urea |
| 200-578-6 | 64-17-5 | Ethanol |
| 200-659-6 | 67-56-1 | Methanol |
| 203-625-9 | 108-88-3 | Toluene |
| 204-062-1 | 115-07-1 | Propene |
| 211-309-7 | 637-92-3 | 2-Ethoxy-2-Methylpropane (ETBE) |
| 215-535-7 | 1330-20-7 | Xylene |
| 216-653-1 | 1634-04-4 | Tert-Butyl Methyl Ether (MTBE) |
| 231-722-6 | 7704-34-9 | Sulfur |
| 232-315-6 | 8002-74-2 | Paraffin Waxes And Hydrocarbon Waxes |
| 232-366-4 | 8008-20-6 | Kerosine (Petroleum) |
| 232-373-2 | 8009-03-8 | Petrolatum |
| 232-490-9 | 8052-42-4 | Asphalt |
| 264-038-1 | 63231-60-7 | Paraffin Waxes And Hydrocarbon Waxes, Microcryst |
| 265-042-6 | 64741-42-0 | Naphtha (Petroleum), Full-Range Straight-Run |
| 265-045-2 | 64741-45-3 | Residues (Petroleum), Atm. Tower |
| 265-055-7 | 64741-54-4 | Naphtha (Petroleum), Heavy Catalytic Cracked |
| 265-056-2 | 64741-55-5 | Naphtha (Petroleum), Light Catalytic Cracked |
| 265-057-8 | 64741-56-6 | Residues (petroleum), vacuum |
| 265-058-3 | 64741-57-7 | Gas oils (petroleum), heavy vacuum |
| 265-059-9 | 64741-58-8 | Gas Oils (Petroleum), Light Vacuum |
| 265-060-4 | 64741-59-9 | Distillates (Petroleum), Light Catalytic Cracked |
| 265-064-6 | 64741-62-4 | Clarified oils (petroleum), catalytic cracked |
| 265-066-4 | 64741-64-6 | Naphtha (Petroleum), Full-Range Alkylate |
| 265-073-5 | 64741-70-4 | Naphtha (Petroleum), Isomerization |
| 265-075-6 | 64741-74-8 | Naphtha (Petroleum), Light Thermal Cracked |
| 265-082-4 | 64741-81-7 | Distillates (Petroleum), Heavy Thermal Cracked |
| 265-084-5 | 64741-82-8 | Distillates (Petroleum), Light Thermal Cracked |
| 265-085-0 | 64741-83-9 | Naphtha (Petroleum), Heavy Thermal Cracked |
| 265-089-2 | 64741-87-3 | Naphtha (Petroleum), Sweetened |
| 265-103-7 | 64742-04-7 | Extracts (Petroleum), Heavy Paraffinic Distillate Solvent |
| 265-110-5 | 64742-10-5 | Extracts (Petroleum), Residual Oil Solvent |
| 265-149-8 | 64742-47-8 | Distillates (Petroleum), Hydrotreated Light |
| 265-151-9 | 64742-49-0 | Naphtha (petroleum), hydrotreated light |
| 265-155-0 | 64742-52-5 | Distillates (Petroleum), Hydrotreated Heavy Naphthenic |
| 265-156-6 | 64742-53-6 | Distillates (Petroleum), Hydrotreated Light Naphthenic |
| 265-165-5 | 64742-61-6 | Slack Wax (Petroleum) |
| 265-171-8 | 64742-67-2 | Foots Oil (Petroleum) |
| 265-178-6 | 64742-73-0 | Naphtha (petroleum), hydrodesulfurized light |
| 265-183-3 | 64742-80-9 | Distillates (Petroleum), Hydrodesulfurized Middle |
| 265-184-9 | 64742-81-0 | Kerosine (Petroleum), Hydrodesulfurized |
| 265-185-4 | 64742-82-1 | Naphtha (Petroleum), Hydrodesulfurized Heavy |
| 265-199-0 | 64742-95-6 | Solvent Naphtha (Petroleum), Light Arom |
| 269-777-3 | 68333-22-2 | Residues (Petroleum), Atmospheric |
| 269-822-7 | 68334-30-5 | Fuels, Diesel |
| 270-675-6 | 68476-33-5 | Fuel Oil, Residual |
| 270-984-6 | 68512-62-9 | Residues (Petroleum), Light Vacuum |
| 271-267-0 | 68527-27-5 | Naphtha (Petroleum), Full-Range Alkylate, Butane-Contg. |
| 272-186-3 | 68783-12-0 | Naphtha (Petroleum), Unsweetened |
| 272-341-5 | 68814-87-9 | Distillates (Petroleum), Full-Range Straight-Run Middle |
| 273-263-4 | 68955-27-1 | Distillates (Petroleum), Petroleum Residues Vacuum |
| 273-271-8 | 68955-35-1 | Naphtha (Petroleum), Catalytic Reformed |
| 274-684-6 | 70592-77-7 | Distillates (petroleum), light vacuum |
| 278-012-2 | 74869-22-0 | Lubricating Oils |
| 289-220-8 | 86290-81-5 | Gasoline |
| 294-799-5 | 91770-15-9 | Kerosine (Petroleum), Sweetened |
| 295-511-0 | 92061-97-7 | Residues (Petroleum), Catalytic Cracking |
| 296-903-4 | 93165-19-6 | Distillates (Petroleum), C6-Rich |
| 71-43-2 | 200-753-7 | Benzene |

Total of registered substances: 59

| REACH REGISTRATIONS | | |
|--|------------|---|
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| 232-315-6 | 8002-74-2 | Paraffin Waxes And Hydrocarbon Waxes |
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| 265-055-7 | 64741-54-4 | Naphtha (Petroleum), Heavy Catalytic Cracked |
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| 265-155-0 | 64742-52-5 | Distillates (Petroleum), Hydrotreated Heavy Naphthenic |
| 265-156-6 | 64742-53-6 | Distillates (Petroleum), Hydrotreated Light Naphthenic |
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| 265-185-4 | 64742-82-1 | Naphtha (Petroleum), Hydrodesulfurized Heavy |
| 265-199-0 | 64742-95-6 | Solvent Naphtha (Petroleum), Light Arom |
| 267-015-4 | 67762-38-3 | Fatty acids, C16-18 and C18-unsatd., Me esters |
| 269-777-3 | 68333-22-2 | Residues (Petroleum), Atmospheric |
| 269-822-7 | 68334-30-5 | Fuels, Diesel |
| 270-675-6 | 68476-33-5 | Fuel Oil, Residual |
| 270-984-6 | 68512-62-9 | Residues (Petroleum), Light Vacuum |
| 271-267-0 | 68527-27-5 | Naphtha (Petroleum), Full-Range Alkylate, Butane-Contg. |
| 272-186-3 | 68783-12-0 | Naphtha (Petroleum), Unsweetened |
| 272-341-5 | 68814-87-9 | Distillates (Petroleum), Full-Range Straight-Run Middle |
| 273-606-8 | 68990-52-3 | Fatty Acids, Vegetable-Oil, Me Esters |
| 273-263-4 | 68955-27-1 | Distillates (Petroleum), Petroleum Residues Vacuum |
| 273-271-8 | 68955-35-1 | Naphtha (Petroleum), Catalytic Reformed |
| 274-684-6 | 70592-77-7 | Distillates (petroleum), light vacuum |
| 278-012-2 | 74869-22-0 | Lubricating Oils |
| 289-220-8 | 86290-81-5 | Gasoline |
| 294-799-5 | 91770-15-9 | Kerosine (Petroleum), Sweetened |
| 295-511-0 | 92061-97-7 | Residues (Petroleum), Catalytic Cracking |
| 296-903-4 | 93165-19-6 | Distillates (Petroleum), C6-Rich |

Total of registered substances: 60

| PGT BV - CLP NOTIFICATIONS | | |
|----------------------------|------------|--------------------------------|
| EC NUMBER | CAS NUMBER | NAME OF THE CHEMICAL SUBSTANCE |
| 232-298-5 | 8002-05-9 | Petroleum |
| 232-343-9 | 8006-14-2 | Natural Gas |
| 270-681-9 | 68476-40-4 | Hydrocarbons, C3-4 |
| 270-704-2 | 68476-85-7 | Petroleum gases, liquefied |
| 271-735-4 | 68606-26-8 | Hydrocarbons, C3 |
| 289-339-5 | 87741-01-3 | Hydrocarbons, C4 |

Total of notified substances: 6