

REACH & Biodiesel

What is REACH?

REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) is the system for controlling chemicals in Europe. It became law in the UK on 1st June 2007.

How might REACH affect you?

Manufacturers or importers of chemical substances need to register those substances. **Fuels are not exempt from REACH!** In REACH terms, biodiesel is a substance with a complex and/or variable composition and its different variants require registration.

If you make or import (from outside the EU/EEA) biodiesel in quantities of 1 tonne or more per year, either to use yourself or to supply to other people (even if it's for export), then it's likely that you will have some important responsibilities under REACH. This is still the case when the biodiesel is produced from waste oil.

The attached list includes examples of substances that may be used as biodiesel.

More information on what is covered can be found at the UK REACH Competent Authority website www.hse.gov.uk/reach.

What am I expected to do under REACH?

If you want to continue to manufacture biodiesel (or other substances) covered by REACH you will need to register them with the European Chemicals Agency (ECHA) in Helsinki. Registration means providing a package of technical information on the chemical and its hazards to the ECHA.

Registration is phased over a period of years based on tonnage levels and in some cases the hazards of the chemical. However, to take advantage of the phase in time you will need to have pre-registered between 1 June and 1 December 2008. Failure to pre-register would mean that you would have to cease manufacture or import, register immediately or be in breach of the law. If you are a new manufacturer, or have recently started to manufacture at greater than 1 tonne/year, then there is the option to make a 'late pre-registration'. This facility started on 5th January 2009.

Anyone who is currently manufacturing biodiesel in quantities of 1 tonne or more per year and has not pre-registered should contact the UK REACH competent authority compliance team by email at: Reachcompliance@hse.gsi.gov.uk

Further information

REACH:	http://www.hse.gov.uk/reach
Pre-registration:	http://www.hse.gov.uk/reach/preregistration.htm http://www.hse.gov.uk/reach/resources/preregistration.pdf
Manufacturers:	http://www.hse.gov.uk/reach/resources/manufacturers.pdf
Importers:	http://www.hse.gov.uk/reach/resources/importers.pdf
REACH helpdesk email:	ukreachca@hse.gsi.gov.uk



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Substances on EINECS that may be manufactured for use as biodiesel		
EC number	CAS number	EINECS Name
262-988-1	61788-59-8	Fatty-acids, coco, Me esters ¹
262-989-7	61788-61-2	Fatty-acids, tallow, Me esters
267-007-0	67762-26-9	Fatty acids, C14-18 and C16-18-unsatd., Me esters
267-014-9	67762-37-2	Fatty acids, C8-18 and C18-unsatd., Me esters
267-015-4	67762-38-3	Fatty acids, C16-18 and C18-unsatd., Me esters
267-017-5	67762-39-4	Fatty-acids, C6-12, Me esters
267-018-0	67762-40-7	Fatty-acids, C10-16, Me esters
269-908-4	68390-63-6	Fatty-acids, castor oil, Me esters
270-457-0	68440-46-0	Fatty-acids, sperm oil, Me esters
271-709-2	68605-02-7	Fatty-acids, fish oil, Me esters
271-715-5	68605-14-1	Fatty-acids, safflower oil, Me esters
271-955-0	68647-50-7	Fatty acids, C16 and C18-unsatd., Me esters
272-898-4	68919-53-9	Fatty-acids, soya, Me esters
272-900-3	68919-54-0	Fatty-acids, sunflower oil, Me esters
273-090-4	68937-80-4	Fatty acids, C16-20 and C16-18-unsatd., Me esters
273-092-5	68937-81-5	Fatty acids, C18 and C18-unsatd., Me esters
273-094-6	68937-83-7	Fatty-acids, C6-10, Me esters
273-095-1	68937-84-8	Fatty-acids, C12-18, Me esters
273-116-4	68938-13-6	Fatty-acids, castor oil, Me esters, hydrogenated
273-606-8	68990-52-3	Fatty-acids, vegetable oil, Me esters
277-893-0	74499-22-2	Fatty-acids, tall oil, Me esters
282-485-0	84238-16-4	Fatty-acids, mustard oil, Me esters
284-974-4	85005-41-0	Fatty-acids, lanolin, Me esters
285-208-1	85049-38-3	Fatty acids, C14-18 and C16-22-unsatd., Me esters
286-065-8	85186-80-7	Fatty acids, C14-18 and C18-unsatd., branched and linear, Me esters
287-029-4	85408-67-9	Fatty acids, C18-24 and C16-24-unsatd., Me esters
287-322-7	85480-42-8	Fatty acids, animal, unsatd., Me esters
287-507-2	85536-26-1	Fatty-acids, butter, Me esters
287-636-4	85566-26-3	Fatty-acids, C8-10, Me esters
287-638-5	85566-27-4	Fatty-acids, C12-16, Me esters
287-823-0	85586-20-5	Fatty-acids, C11-17, Me esters
287-824-6	85586-21-6	Fatty-acids, C16-18, Me esters
287-828-8	85586-25-0	Fatty-acids, rape oil, Me esters
288-011-9	85631-62-5	Fatty-acids, coco, hydrogenated, Me esters
292-898-8	91002-21-0	Fatty-acids, C14-18-branched, Me esters
292-969-3	91031-65-1	Fatty-acids, C8-18, Me esters
292-970-9	91031-66-2	Fatty-acids, C12-20, Me esters
292-971-4	91031-67-3	Fatty-acids, C14-18, Me esters
293-055-7	91051-06-8	Fatty-acids, essential, Me esters
293-066-7	91051-16-0	Fatty-acids, linseed oil, Me esters
293-084-5	91051-32-0	Fatty-acids, palm kernel oil, Me esters
293-086-6	91051-34-2	Fatty-acids, palm oil, Me esters
294-324-1	91697-62-0	Fatty-acids, rape oil, hydrogenated, Me esters
297-410-7	93571-83-6	Fatty acids, C16-24 and C16-24-unsatd., Me esters
297-429-0	93572-01-1	Fatty-acids, olive oil, Me esters
297-436-9	93572-08-8	Fatty-acids, peanut oil, Me esters
305-591-1	94733-11-6	Fatty-acids, C5-20, Me esters
305-759-4	95009-32-8	Fatty-acids, Iris germanica, Me esters
305-761-5	95009-33-9	Fatty-acids, Iris pallida, Me esters
310-005-2	102047-28-9	Fatty acids, C16-18 and C16-18-unsatd., Me esters

¹ Note: this substance is included in Annex IV of REACH as a substance exempt from registration