



## NEWS

Danfoss Commercial Compressors

### REACH information

June, 2nd 2009

Registration, Evaluation, Authorization and restriction of Chemicals (REACH) is a European Union Regulation, EC/2006/1907 of 18 December 2006. REACH addresses the production and use of certain chemical substances, and their potential impacts on both human health and the environment. It is the strictest law, to date, that is regulating chemical substances. REACH entered into force in June 2007, with a phased implementation over the next decade.

REACH requires all companies manufacturing or importing chemical substances into the European Union in quantities of one ton or more per year to register these substances with the European Chemicals Agency (ECHA). The ECHA has also published a candidate list of 'Substances of Very High Concern' (SVHC) which today contains 15 substances.

Danfoss Commercial Compressors must be a safe and trustworthy choice for customers

and has the clear objective to guarantee products of high quality in conformity with the European legislation. Danfoss Commercial Compressors has therefore initiated a number of activities to ensure that its products live up to the REACH regulation in time.

Danfoss Commercial Compressors has the obligation to specify the presence of listed SVHC substances in its products, if they are present above a certain concentration threshold.

Based on information currently available to us, our statement is that compressors from Danfoss Commercial Compressors contain none of the 15 currently listed SVHC substances above a concentration of 0.1% weight by weight. For any updates to the above we will send out new information.

## Substances of Very High Concern (SVHC)

Substance name	EC (CAS No.)	Date of inclusion	Reason for inclusion
Triethyl arsenate	427-700-2	28.10.08	Carcinogenic (article 57a)
Anthracene	204-371-1		PBT (article 57d)
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	28.10.08	Carcinogenic (article 57a)
Dibutyl phthalate (DBP)	201-557-4	28.10.08	Toxic for reproduction (article 57c)
Cobalt dichloride	231-589-4	28.10.08	Carcinogenic (article 57a)
Diarsenic pentaoxide	215-116-9	28.10.08	Carcinogenic (article 57a)
Diarsenic trioxide	215-481-4	28.10.08	Carcinogenic (article 57a)
Sodium dichromate	234-190-3 (7789-12-0 & 10588-01-9)	28.10.08	Carcinogenic, mutagenic and toxic to reproduction (articles 57a, 57b and 57c)
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	28.10.08	vPvB (article 57e)
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	28.10.08	Toxic to reproduction (article 57c)
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:  Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9  (134237-50-6) (134237-51-7) (134237-52-8)	28.10.08	PBT (article 57d)
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	28.10.08	PBT and vPvB (article 57d - e)
Bis(tributyltin)oxide (TBTO)	200-268-0	28.10.08	PBT (article 57d)
Lead hydrogen arsenate	232-064-2	28.10.08	Carcinogenic and Toxic to reproduction (articles 57a and c)
Benzyl butyl phthalate (BBP)	201-622-7	28.10.08	Toxic to reproduction (article 57c)

Source and updates available at: [http://echa.europa.eu/chem\\_data/candidate\\_list\\_table\\_en.asp](http://echa.europa.eu/chem_data/candidate_list_table_en.asp)

Last update: 15/01/2009