

GENERAL PRINCIPLES**Scope**

This control sheet is part of the ILO Chemical Control Toolkit and should be used when the toolkit identifies that a control approach 4 solution is appropriate.

Background

Control approach 4 - special - means that you have a process where you need more specific and specialist advice than this toolkit can provide. This advice may come from a more detailed guidance document such as that produced by ILO or a country with a well-established occupational hygiene culture, or you may need to involve an expert in the handling of that substance or process. Your supplier may be able to help you find this information. This toolkit identifies control approach 4 if:

- *You are handling chemicals assigned to hazard group E. These have the potential to cause very serious health effects such as cancer or asthma and a safe level of exposure is difficult to establish. Different types of control will be required for different chemicals in this group;*
- *You are handling large quantities of chemicals that can easily become airborne and cause serious health effects. All aspects of handling these substances need to be assessed in a level of detail beyond that provided by this toolkit.*

Whichever of these reasons apply, it is important that you look at your process to see if you can use a safer alternative material. If this is not possible, it is important that you seek further advice on the degree of control required.

Further information

- Industrial Ventilation: A Manual of Recommended Practice. American Conference of Government Hygienists. ISBN 1882417429
- Handbook of Occupational Hygiene. Croner Publications. ISBN 0903393506
- HSE Guidance Notes, Environmental Hygiene (EH) series. HSE Books. ISBN various.
- The ILO International Occupational Safety and Health Information Centre (CIS). <http://www.ilo.org/cis>
- The International Chemical Safety Cards (ICSC) of the International Programme on Chemical Safety (IPCS). <http://www.who.int/ipcs> and <http://www.ilo.org/safework>
- The Globally harmonized system for the classification and labelling of chemicals (GHS). <http://www.unece.org/trans/danger/publi/ghs/ghs.html>