



PRINCIPLES FOR THE SAFE HANDLING AND DISTRIBUTION OF TOXIC GASES AND MIXTURES

Doc 130/24

Revision of Doc 130/17

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Published in November 2024

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Amendments to 130/17

Section	Change
	The scope of this document has been extended to include the toxic gases as the principles for highly toxic gases also apply to toxic ones.
4.7	Section was totally rewritten to align on the requirements of the ADR related to the transport of toxic gases.

NOTE Technical changes from the previous edition are marked with a line in the left margin

1 Introduction

The safe handling of toxic gases has always been a concern for EIGA members. The first edition of this document was published as an EIGA Technical Note in 1990. Over the years the content of the document has been extended to cover new aspects of the safe handling of toxic gases such as “security” and “user responsibility”. Also the references to EIGA publications have been extended to include new publications relevant to the “principles” outlined in the document.

All the quoted EIGA publications are downloadable at <https://www.eiga.eu>

2 Scope and purpose

2.1 Purpose

The purpose of this document is to set out basic principles for the safe handling and distribution of toxic gases and mixtures. These principles are in addition to those which are normally applied to the handling of gases and receptacles.

2.2 Scope

It is recommended that these principles should apply to all toxic gases Acute Toxic Category 1, Category 2 and Category 3. Appendix A gives examples of such gases. Refer to Doc 169, *Classification, and Labelling Guide in accordance with EC Regulation 1272/2008 (CLP Regulation)* for classification [1].

In addition, it is recommended, as far as it is reasonably practicable, to extend the application of the principles set out in this document also to toxic gases Acute Toxic Category 4.

Whilst this document is primarily aimed at gas suppliers and distributors, it is recommended that gas users also observe the principles.

3 Definitions

3.1 Publications terminology

3.1.1 Shall

Indicates that the procedure is mandatory. It is used wherever the criterion for conformance to specific recommendations allows no deviation.

3.1.2 Should

Indicates that a procedure is recommended.

3.1.3 May

Indicates that the procedure is optional.

3.1.4 Will

Is used only to indicate the future, not a degree of requirement.

3.1.5 Can

Indicates a possibility or ability.