



CGA P-65—2015
SUPPLEMENTAL
INFORMATION FOR SAFETY
DATA SHEET HAZARD
COMMUNICATION

FIRST EDITION

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Contents	Page
1 Introduction.....	1
2 Scope	1
3 Definitions.....	1
4 Phrases based on physical, chemical, and health properties	2
4.1 Flammable.....	2
4.2 Pyrophoric	2
4.3 Oxidizing.....	2
4.4 Cryogenic	3
4.5 Toxic.....	3
4.6 Odor.....	3
4.7 Health	3
5 Phrases based on SDS section.....	3
5.1 Section 5, <i>Firefighting measures</i>	3
5.2 Section 6, <i>Accidental release measures</i>	4
5.3 Section 7, <i>Handling and storage</i>	4
5.4 Section 8, <i>Exposure controls/personal protection</i>	5
5.5 Section 10, <i>Stability and reactivity</i>	5
5.6 Section 13, <i>Disposal considerations</i>	5
6 References	6

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1 Introduction

This publication was prepared to provide supplemental information for the preparation of safety data sheets (SDSs) to meet requirements in Title 29 of the U.S. *Code of Federal Regulations* (29 CFR) Part 1910.1200, the U.S. Occupational Safety and Health Administration's *Hazard Communication Standard*, which follows the *Globally Harmonized System of Classification and Labelling of Chemicals* (GHS) [1, 2].¹

The phrases presented in this publication may be incorporated into the appropriate section of an SDS based on the physical, chemical, and health properties of the product.

2 Scope

This publication outlines CGA recommended phrases to convey additional information for Sections 2 through 16 when preparing SDSs. The phrase location is determined by the expert judgment of the individual creating the SDS.

When preparing SDSs, refer to CGA C-7, *Guide to Classification and Labeling of Compressed Gases*, for product classification, precautionary phrases, and hazard phrases that may appear in Section 1, *Identification*, and Section 2, *Hazard(s) identification*, of the SDS [3].

3 Definitions

For the purpose of this publication, the following definitions apply.

3.1 Publication 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.

NOTE—GHS uses the term "may" in its hazard and precautionary phrases to indicate a possibility or ability.

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.

3.2 Technical definitions

3.2.1 Cryogenic liquid

A refrigerated liquefied gas having a boiling point colder than $-90\text{ }^{\circ}\text{C}$ ($-130\text{ }^{\circ}\text{F}$) at 101.3 kPa, abs (14.7 psia) [4].²

¹ References are shown by bracketed numbers and are listed in order of appearance in the reference section.

² kPa shall indicate gauge pressure unless otherwise noted as (kPa, abs) for absolute pressure or (kPa, differential) for differential pressure. All kPa values are rounded off per CGA P-11, *Metric Practice Guide for the Compressed Gas Industry* [5].