



**CGA P-65—2021**  
**GUIDELINE FOR**  
**SUPPLEMENTAL INFORMATION**  
**FOR SAFETY DATA SHEET**  
**HAZARD COMMUNICATION**

**SECOND EDITION**

**PLEASE NOTE:**

The information contained in this document was obtained from sources believed to be reliable and is based on technical information and experience currently available from members of the Compressed Gas Association, Inc. and others. However, the Association or its members, jointly or severally, make no guarantee of the results and assume no liability or responsibility in connection with the information or suggestions herein contained. Moreover, it should not be assumed that every acceptable commodity grade, test or safety procedure or method, precaution, equipment or device is contained within, or that abnormal or unusual circumstances may not warrant or suggest further requirements or additional procedure.

This document is subject to periodic review, and users are cautioned to obtain the latest edition. The Association invites comments and suggestions for consideration. In connection with such review, any such comments or suggestions will be fully reviewed by the Association after giving the party, upon request, a reasonable opportunity to be heard. Proposed changes may be submitted via the Internet at our web site, [www.cganet.com](http://www.cganet.com).

This document should not be confused with federal, state, provincial, or municipal specifications or regulations; insurance requirements; or national safety codes. While the Association recommends reference to or use of this document by government agencies and others, this document is purely voluntary and not binding unless adopted by reference in regulations.

A listing of all publications, audiovisual programs, safety and technical bulletins, and safety posters is available via the Internet at our website at [www.cganet.com](http://www.cganet.com). For more information contact CGA at Phone: 703-788-2700, ext. 799. E-mail: [customerservice@cganet.com](mailto:customerservice@cganet.com).

Work Item 20-030  
Hazard Communication Committee

---

NOTE—Technical changes from the previous edition are underlined.

SECOND EDITION: 2021

FIRST EDITION: 2015

© 2021 The Compressed Gas Association, Inc. All rights reserved.

All materials contained in this work are protected by United States and international copyright laws. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical including photocopying, recording, or any information storage and retrieval system without permission in writing from The Compressed Gas Association, Inc. All requests for permission to reproduce material from this work should be directed to The Compressed Gas Association, Inc., 8484 Westpark Drive, Suite 220, McLean, VA 22102. You may not alter or remove any trademark, copyright or other notice from this work.

<b>Contents</b>	<b>Page</b>
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.....	3
4.4 Cryogenic .....	3
4.5 Toxic.....	3
4.6 Odor.....	3
4.7 Health .....	3
5 Phrases based on SDS section.....	4
5.1 Section 3, <i>Composition and information on ingredients</i> .....	4
5.2 Section 5, <i>Firefighting measures</i> .....	4
5.3 Section 6, <i>Accidental release measures</i> .....	4
5.4 Section 7, <i>Handling and storage</i> .....	5
5.5 Section 8, <i>Exposure controls/personal protection</i> .....	6
5.6 Section 10, <i>Stability and reactivity</i> .....	6
5.7 Section 12, <i>Ecological information</i> .....	6
5.8 Section 13, <i>Disposal considerations</i> .....	7
5.9 Section 14, <i>Transportation information</i> .....	7
5.10 Section 16, <i>Other information</i> .....	7
6 References .....	7

This page is intentionally blank.

## 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].<sup>1</sup>

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. In some cases, specific guidance on the use of the phrase(s) is provided based on the product.

## 2 Scope

This publication provides CGA phrases that will help to convey additional safety information specific to the gas industry when preparing SDSs. The phrase location and applicability is ultimately 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]. See the *Emergency Response Guidebook* for the applicable code that may be included in Section 14, *Transport information*, and CGA P-19, *CGA Recommended Hazard Ratings for Compressed Gases*, for guidance on the appropriate NFPA 704 ratings that may be included in Section 16, *Other information* [4, 5].

This publication does not provide phrases for all sections of the SDS.

## 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.

---

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