

1.0 Introduction

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1.1 Preface and Legal Notice

The information presented in the Phosgene Safe Practice Guidelines (Guidelines) is a general composite of best practices. Throughout the Guidelines, references to “phosgene” are in either liquid or vapor states as 100% phosgene. Mixtures of phosgene with solvents or other materials may exhibit similar toxic characteristics of phosgene but have unique properties and additional safety issues that may limit the applicability of these Guidelines. The information provided in the Guidelines should not be considered as a directive or as an industry standard that readers must adopt or follow. Instead, the information is intended to provide helpful guidance that users may wish to consider in a general sense. It is not intended to be a “how-to” manual, nor is it a prescriptive guide. Users must independently determine what constitutes appropriate practice relative to their own needs and circumstances. In making this determination, users should consider information contained in the Guidelines as well as other relevant information. Users have an independent obligation to ascertain that their actions are in compliance with their current country, federal, state and local laws and regulations and should consult with legal counsel concerning such matters. Any mention of specific products in this document is for illustration purposes only and is not intended as a recommendation or endorsement of such products by ACC or its member companies. Many items in this document may be trademarked, which may or may not be noted in this document. Neither the American Chemistry Council (ACC), nor the individual member companies of the Phosgene Panel, nor any of their respective directors, officers, employees, subcontractors, consultants, or other assigns, makes any warranty or representation, either express or implied, with respect to the accuracy or completeness of the information contained in this guidance document; nor do the American Chemistry Council, the Phosgene Panel, or any member companies assume any liability or responsibility for any use or misuse, or the results of such use or misuse, of any information, procedure, conclusion, opinion, product, or process disclosed in guidelines. New information may be developed subsequent to publication of the

Guidelines that renders information contained herein incomplete or inaccurate. It cannot be assumed that all necessary warnings and precautionary measures are contained in these Guidelines or that other additional measures may not be required or desirable due to particular or exceptional conditions or circumstances, or because of applicable federal, state or local laws. Users should consult with their own legal counsel concerning such matters. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

The member companies of the American Chemistry Council Phosgene Panel have compiled the information presented in the Guidelines.

Members of the Phosgene Panel include the following:

- BASF Corporation
- SABIC
- The Dow Chemical Company
- Covestro Corporation
- DuPont
- VanDeMark Chemicals, Inc.
- LANXESS
- Huntsman

1.2 Mission Statement

The Phosgene Panel supports the phosgene industry through continuous evaluation of and improvements to safety and the protection of human health and the environment on issues related to the responsible production, distribution and use of phosgene. The Phosgene Panel works with governmental agencies to encourage the use of sound science in developing regulations impacting the industry.

Established in 1972, the Phosgene Panel is composed of companies that manufacture, use or distribute phosgene. Phosgene Panel members account for more than 95% of U.S. production of phosgene - several million tons of material. The Phosgene Panel is organized under the American Chemistry Council's Chemical Products and Technology Division.

1.3 Panel Goals

- Promote the development of sound practices and guidelines for the safe industrial handling of phosgene

- Advocating for the development of sound scientific regulations for the phosgene industry
- Recognition of Panel member companies as responsible stewards of phosgene
- Making available precautionary information to all persons who will use, handle or otherwise be exposed to phosgene
- Continuing to improve the understanding of the adverse health effects of phosgene and fostering improvements in the medical treatment of phosgene exposure
- Commitment to sharing learnings from phosgene associated events/incidents across the globe
- Develop *ad hoc* responses to environmental, health and safety issues as they arise

1.4 Information Updating

From time to time, the Guidelines will be updated. The American Chemistry Council issues the approved Section with a date of the last review and posts the final version of the Section in the online version of the Guidelines.

The latest version of the Guidelines will reside on the American Chemistry Council Website (www.americanchemistry.com/phosgenepanel). All prior versions of the Guidelines are considered out of date. The American Chemistry Council and members of the Phosgene Panel assume no responsibility to amend, revise, retract, or update the Guidelines to reflect information that may be available after posting on the Website.