

Butadiene: American Chemistry Council Issues Product Stewardship Guidance Manual (2019)



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The American Chemistry Council (“ACC”) released a document titled:

Butadiene – Product Stewardship Guidance Manual (2019) (“Manual”)

The *Manual* was prepared by ACC’s Olefins Panel.

ACC states the *Manual’s* intention is to:

... provide general information to persons who may handle or store butadiene.

The focus of the *Manual* is the “health, safety, and environmental aspects” associated with manufacturing, distributing, using, and disposing of 1,3-Butadiene.

1,3-Butadiene is described as having a simple chemical structure combined with low molecular weight (along with high chemical reactivity) which makes it a useful building block in the “synthesis of other materials.” It is stated to be utilized primarily as:

- a monomer in the production of a wide range of polymers and copolymers
- an intermediate in the production of certain chemicals

The *Manual’s* five chapters address:

1. Chemical Identification and Use
2. Health and Environmental Effects
3. Regulatory Overview
4. Handling, Transport and Storage Information
5. Fire Safety and Emergency Response

Four appendices address:

- Butadiene Manufacturing Process Information
- Information on Product Safety and Responsible Care
- References
- Glossary of Terms, Abbreviations, and Organizations

A link to the *Manual* can be found [here](#).