



ASCEND

PERFORMANCE MATERIALS

Overview of Product Stewardship Assessment
April 12, 2017

Ascend Performance Materials is a United States based chemical company with global focus. We are focused more than ever before on our customers – to understanding their unique challenges in the market, to developing product solutions that address their market needs, and to providing excellent customer and technical service. For more information on our products please visit www.ascendmaterials.com.

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RESPONSIBLE CARE[®]
OUR COMMITMENT TO SUSTAINABILITY

Ascend Performance Materials is a member company of the American Chemistry Council. Ascend is committed to the principles of Responsible Care[®] and to the proper stewardship of its products. This document is intended to provide the user with access to health and safety information on Ascend's products. ACC is not responsible for the content of this document and does not warrant the accuracy of information posted in this or other similar documents. Information for the chemical(s) listed has been developed independently by each company (or in some cases, a group of companies). Each company is responsible for the content of its own product stewardship summary. For more information about the content of this document, users should contact Ascend Performance Materials.

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Product Stewardship Assessment

Introduction

Ascend Performance Materials is dedicated to the safe production, distribution and use of its products. We work with carriers, distributors and customers to foster understanding of the hazards and risks associated with the handling and use of our products, and engage in systematic assessment of our products. In addition to the chemical industry focus, Ascend is committed to ensuring that public health and the environment are protected from unreasonable risk resulting from exposure to Ascend's products and applies appropriate risk management measures to ensure this.

Responsible Care Product Stewardship Summaries

In keeping with the above goals and policy, Ascend has implemented a system to prepare detailed Product Stewardship Summaries for each of its shipped and sold products. This system is based on risk, not hazard; risk is defined as the likelihood of impact of a product on:

- Human Health, acute or chronic
- The environment, short or long term

Risk has many facets – While a product may extremely hazardous, if it is used only within well controlled chemical facilities, little risk exists for the general public or for the environment. A lower hazard product, which may be used in many different industries, potentially with commercial or general public exposure, may have a higher degree of concern. Ascend's prioritization is based on the following considerations:

- Product properties, including:
 - Physical/chemical inherent properties
 - Toxicological Properties
 - Ecotoxicological Properties
 - Environmental Fate Properties
- Product use patterns, including
 - Shipped or sold volume
 - Direct to customer or distributed sales
 - Uses – Intermediate, Commercial or Consumer
 - Packaging and shipping methods
 - Waste streams generated and the fate of these streams

Our products were each ranked as high, medium and low for each property, and summation was made. Based on this methodology, Ascend has prioritized its products, and will be producing Product Stewardship Summaries on all shipped or sold products. The summaries are designed to provide basic health and safety information, but will be written in sufficient detail so that, along with the product MSDS, they may be used by safety and health professionals to make judgments about product use in the workplace.

For further information, please contact us at stewardship@ascendmaterials.com.