

Product Stewardship Policy

INTRODUCTION:

The protection of people and the environment for AGC Vinythai is a key condition for doing business in line with our Integrated Management System policy and is consistent with our commitment to Responsible Care® and our Values, in particular the "Respect for people" Value.

At AGC Vinythai, we strongly believe that **product stewardship** is an essential and enduring element of the Company's sustainability, in terms of an efficient contribution to protecting users, the public, our own personnel and the environment against risks resulting from our products. AGC Vinythai strives to develop and supply products and services that, throughout lifecycles, involve minimum risk to human beings and the environment, while best meeting the needs of users and customers.

The purpose of this Policy is to provide the general rules and principles to ensure that our products are safe throughout their whole lifecycle. It is supported by more detailed Standards and Guidelines for implementation.

SCOPE:

- This Policy applies to all Employees of the AGC Vinythai.
- The Policy applies to all products (including hazardous/non-hazardous) which are purchased, developed, produced, distributed, used, disposed & recycled by or on behalf of AGC Vinythai.

DEFINITIONS:

- "**Responsible Care®**": is a global, voluntary initiative developed by the chemical industry. It stands for the chemical industry's continuous commitment to improve health, safety, and environmental performance.
- "**Product stewardship**" focuses on environmental, health, and safety protection around the products themselves, and involves all stakeholders in the full lifespan of a product to take up responsibility and ensure product safety in the broad sense. It covers the understanding, controlling, and communicating of product's environmental, health, and safety related effects from production to final disposal or reuse, covering for example marketing authorizations, safety during transport, use, disposal, etc. as well as risk control at the manufacturing steps.

POLICY:

Product Stewardship Management Strategy:

As a matter of strategic direction for this Policy, AGC Vinythai is deeply committed to comply with all applicable laws and regulations related to product safety and product stewardship and to define and deploy voluntary commitments that go beyond applicable laws and regulations.

AGC Vinythai takes part in the improvement of the regulatory frameworks related to product stewardship and in larger programs and studies on product risks. In this context, for all its operations, AGC Vinythai is committed to:

- a. ensuring that all products in the scope of this policy are purchased, developed, produced, distributed, used, disposed & recycled with an appropriate care for safety, health and environment
- b. protecting the health of employees, contractors and users, to minimize impacts on the fauna, flora, water resources, and to protect society in general
- c. promoting best safety practices along the value chains of products
- d. detecting, assessing, and addressing emerging concerns related to product safety (for existing and new products, for new or sensitive applications and for by-products appearing in manufacturing processes) in order to proactively manage possible risks
- e. promoting initiatives aimed at developing safer alternatives to chemicals presenting important risks for the user, wherever its expertise makes it possible.

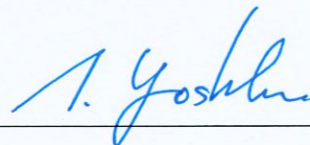
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Requirements for Product Stewardship Management:

1. Shall implement the "Product Stewardship Management System - PSMS".
2. Shall take actions and carry out product stewardship programs that contribute to the safe management of products throughout their lifecycles during use and disposal with a particular attention to products involving high risks. They shall provide assistance in case of modifications of products composition or use patterns.
3. Shall take specific stewardship actions for products aimed at applications in direct connection to health such as food and healthcare with dedicated approaches for risk assessment and management, in line with HCRM process.
4. Shall maintain a comprehensive understanding of each product's hazards, risks and impacts related to all life cycle steps and intended applications.
5. Shall manage product knowledge, to comply with local requirements on product information while ensuring worldwide consistency and keep all necessary and required information on product safety to ensure availability throughout the full life cycle, beyond the commercialization period.
6. Shall keep all records on product safety information required to report to governmental bodies and to share with the appointed enforcement bodies in case of inspection or audit.
7. Shall identify substances of very high concern in their activities, update risk studies and strive to substitute them with safer alternatives that are technologically equivalent and socio-economically sustainable.
8. Shall handle substances of very high concern under strictly controlled or equivalent conditions.
9. Shall ensure that animal testing is limited as much as possible.
10. Shall provide all necessary information to all stakeholders concerned, helping them to comply with their own risk management and product safety obligations. Safety Data Sheets shall be established as required by regulation, and beyond with the aim to adequately protect users and the environment, maintained and distributed consistently worldwide, for all products and all customers.
11. Shall have a process to ensure and monitor that SDS (Safety Data Sheets) are sent to customers, at first delivery and when the SDS has been significantly modified. They ensure that the SDS are revised at least every 3 years, for all products they put on the market.
12. Shall have a process ensuring that products are labelled correctly.
13. Shall ensure the availability of Eco-profiles in line with international best practices for all products, making them available in order to contribute to "lifecycle assessments".
14. Shall prohibit any voluntary concealing of validated information about hazardous characteristics of products, and timely alert about newly identified problems that may occur during use.
15. Shall check and ensure compliance to product technical specifications by using high-performing quality assurance system that meets benchmark standards in order to contribute to adequate product safety.

RESPONSIBILITIES/ACCOUNTABILITIES:

- All Managers and Product Stewardship Steering Team are responsible for:
- (1) deploying this Policy within their divisions,
 - (2) ensuring compliance with this Policy; and
 - (3) deploying adequate and appropriate resources to support this Policy.



(Mr. Tomotaka Yoshikawa)

Managing Director

AGC Vinythai Public Company Limited

2, I-3 Road, Map Ta Phut Industrial Estate,
Map Ta Phut Subdistrict, Mueang Rayong District,
Rayong 21150
Tel: +66 38 925 000 Fax: +66 38 683 048
www.agcvinythai.com