



Hazard Communication

1. Company Policy.

To ensure that information about the dangers of all hazardous chemicals used by Hbar Technologies, LLC, 1275 W. Roosevelt Rd., Suite 103, West Chicago, IL 60185 are known by all affected employees, a hazardous information program has been established and is available for review in the lab/shop area by any interested employee. In addition, a copy of the applicable OSHA standards, Title 29 Code of Federal Regulations 1910.1200, accompanies this program and is also available for review. Implementation of these requirements is the responsibility of all affected employees of Hbar Technologies, but will be coordinated by the Environmental, Safety and Health Officer (ES&H Officer).

2. Container Labeling.

Upon receipt, it will be verified all containers will be clearly labeled as to the contents, the appropriate hazard warning and the name and address of the manufacturer.

This labeling requirement is also applicable to secondary containers. Secondary containers can be labeled with either an extra copy of the original manufacturer's label or with labels having the identity and the appropriate hazard warning. For help with labeling, see the ES&H Officer.

If chemicals are transferred from a labeled container to a portable container intended only for immediate use, no labels are required on the portable container.

As materials are used or every six months, containers will be checked to verify that labels are present and readable. If a label is missing or illegible, contact the ES&H Officer who will ensure its replacement.

3. Material Safety Data Sheets (MSDSs)

The MSDSs of all new chemicals will be reviewed by the ES&H Officer or President prior to purchase to (1) determine if a less hazardous alternative is readily available and cost-effective

and (2) assess any hazards the chemical may present and outline steps necessary to mitigate the hazards by the affected employees.

Current MSDSs will be obtained upon procurement of any chemical. The MSDS for the product may be requested from the vendor upon order placement or by accessing any one of a number of databases available.

All MSDSs will be reviewed by the ES&H Officer upon receipt. If the formulation of a chemical has been changed and subsequently the hazard categorization of the chemical, this information will be communicated to all affected employees using the most appropriate means. The outdated MSDS will be pulled from the MSDS binder and filed for retention. In addition, the hazardous chemical inventory will be updated.

Copies of MSDSs for all hazardous chemicals to which employees are exposed or are potentially exposed will be kept in the lab/shop area at the Right to Know station. MSDSs will be filed alphabetically by name. MSDSs will be readily available to all employees during each work shift. If an MSDS is not available, contact ES&H Officer.

4. Employee Training and Information

Prior to starting work with hazardous chemicals (refer to Section 7 and the attached Hazardous Chemical List), the following information will be conveyed to the affected employee:

- * An overview of the requirements contained in the Hazard Communication Standard.
- * The hazardous chemicals present at his/her work area.
- * The physical and health risks of the hazardous chemicals.
- * Symptoms of overexposure.
- * How to determine the presence or release of hazardous chemicals in the work area.
- * How to reduce or prevent exposure to hazardous chemicals through use of control procedures, work practices and personal protective equipment.
- * Steps taken to reduce or prevent exposure to hazardous chemicals.
- * Procedures to follow if employees are overexposed to hazardous chemicals.
- * How to read labels and MSDSs to obtain hazard information.
- * Location of the MSDS file and written hazard communication program.

Prior to introducing a new chemical into the building or a reformulation of a currently used product, affected employees will be given information and training as outlined above.

Any questions an affected employee may have that arise during the use of a chemical should be addressed to the project manager or to ES&H Officer.

5. Hazardous Non-Routine Tasks

Because of the research and development functions of the company and the laboratory environment, employees are required to perform non-routine tasks which may be hazardous.

Some of these non-routine tasks may involve the use of hazardous chemicals. Prior to starting work on such projects, each affected employee will be given information by the project manager about the hazardous chemicals he or she may encounter during such activity. This information will include specific chemical hazards, protective and safety measures the employee can use, and steps to be taken to reduce the hazards (which may include the use of protective clothing and equipment, monitoring and the presence of another employee), and emergency procedures.

6. Other Facility Users

The ES&H Officer or President will advise outside contractors or facility users, in person, of any chemical hazards that may be encountered in the normal course of their work on the premises, the labeling system in use, the protective measures to be taken, and the safe handling procedures to be used. In addition, at this time, these individuals of the location and availability of MSDSs.

If the subcontractor or facility user will be bringing chemicals on-site, the user must provide ES&H Officer with the appropriate hazard information for these substances, including MSDSs, labels, and precautionary measures to be taken when working with or around these chemicals.

Written requests of the employer of a subcontractor or facility users of the hazardous chemicals to which their employee may be exposed will be handled by ES&H Officer.

7. List of Hazardous Chemicals

A list of all known hazardous chemicals used by our employees has been compiled and is attached to this policy statement. Further information on each chemical may be obtained from the MSDSs which are located in the lab/shop area.

When new chemicals are received, this list is updated (including date the chemicals were introduced), within 30 days of introduction into the workplace. The chemical listing will be updated simultaneously with the incorporation of the current MSDS into the Right to Know station in the lab/shop area.

Elaine Marshall, ES&H Officer

Date

Gerry Jackson, President

Date