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Prepared by JohnsonDiversey as a service  
to our customer.  
For further information please contact:

**JohnsonDiversey**  
Food Group  
800 233 1000  
DuBois Group  
800 438 2647

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# A Guide to the HMIS™ Hazardous Materials Identification System



**JohnsonDiversey**  
Clean is just the beginning



# HMIS™ Introduction

Every employer has a responsibility to provide his employees with a safe and healthy workplace. Employees must be able to minimize potential hazards through proper work practices and the use of personal protective equipment. Hazard communication is an important part of this responsibility.

We share this responsibility with our customers and now provide Hazard Materials Identification System (HMIS™) information on our labels and Material Safety Data Sheets in an effort to provide more effective hazard communication.

This guide will help you understand the HMIS™ labeling system and enable you to see, at a glance, possible hazards of our product and the steps you should take to protect yourself.

Each type of hazard is represented by a separate colored section on the label. These are:

- Blue: HEALTH HAZARD
- Red: FLAMMABILITY HAZARD
- Yellow: REACTIVITY HAZARD

The number in each section indicates the severity of each hazard. The white portion of the label indicates what type of protective equipment to wear when working with the product. HMIS™ ratings are located in the upper right corner of product labels and in section 15 of our Material Safety Data Sheets.

For more information concerning the Hazardous Materials Identification System (HMIS™) contact:

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HEALTH
FLAMMABILITY
REACTIVITY
PERSONAL PROTECTION

*This multi-colored label is the key to the whole system.  
All our products have been rated for each type of hazard.*

HEALTH HAZARD RATING CHART		
0	MINIMAL	no significant risk to health
1	SLIGHT	irritation or minor reversable injury possible
2	MODERATE	temporary or minor injury may occur
3	SERIOUS	major injury likely unless prompt action is taken and medical treatment is given
4	SEVERE	life-threatening major or permanent damage may result from single or repeated exposures

























*The HEALTH HAZARD rating indicates the severity of acute health hazards (immediate dangers) of a product.*

FLAMMABILITY HAZARD RATING CHART		
0	MINIMAL	materials which are normally stable and will not burn unless heated
1	SLIGHT	materials that must be preheated before ignition will occur. Flammable liquids in this catagory will have flashpoints (the lowest temperature at which ignition will occur) at or above 200° F (NFPA Class III B)
2	MODERATE	material which must be moderately heated before ignition will occur, including flammable liquids with flashpoints at or above 100° F and below 200° F. (NFPA Class II, & Class III A)
3	SERIOUS	materials capable of ignition under almost all normal temperature conditions including flammable liquids with flash-points below 73° F and boiling points above 100° F, as well as liquids with flashpoints between 73° F and 100° F (NFPA Classes I B and I C)
4	SEVERE	very flammable gases or very volatile flammable liquids with flashpoints below 73° F and boiling points below 100° F (NFPA Class I A)

*The FLAMMABILITY HAZARD rating indicates the tendency of a product to burn.*

REACTIVITY HAZARD RATING CHART		
0	MINIMAL	materials which are normally stable, even under fire conditions, and which will not react with water
1	SLIGHT	materials which are normally stable, but can become unstable at high temperatures and pressures. These materials may react with water, but will not release energy violently
2	MODERATE	materials which in themselves are normally unstable and will readily undergo violent chemical change, but will not detonate. These materials may also react violently with water.
3	SERIOUS	materials which are capable of detonation or explosive reaction, but require a strong initiating source, or must be heated under confinement before initiation, or materials which react explosively with water.
4	SEVERE	these materials are readily capable of detonation or explosive decomposition at normal temperatures and pressures.

*The REACTIVITY HAZARD rating indicates the tendency of a product to react violently under certain conditions.*

PERSONAL PROTECTION EQUIPMENT CODES									
<b>A</b>									
<b>B</b>									
<b>C</b>									
<b>D</b>									
<b>E</b>									
<b>F</b>									
<b>G</b>									
<b>H</b>									
<b>I</b>									
<b>J</b>									
<b>K</b>									
<b>X</b>	Ask your supervisor for guidance								
Safety Glasses	Face Shield	Splash Goggles	Air Line Hood or Mask	Gloves	Synthetic Apron	Dust Respirator	Vapor Respirator	Full Suit	Boots
