

Kit MSDS Cover Sheet

Revised (year/month/day) 2012/03/12

Product Information

Product Name Immuno Detector™ H. Pylori (Cassette)

Immuno Detector™ H. Pylori test qualitatively detects anti-Helicobacter pylori IgG antibody in human whole blood, serum, or plasma specimens. The test is intended for use as an aid in the diagnosis of H. pylori infection in adult patients with symptoms of gastrointestinal disorders.

Part Number IHP-10, 25, 30 (Cassette)
Series Name Immuno/H. Pylori

Components

- Immuno Detector™ H. Pylori test
- Developer Solution: Phosphate saline buffer containing 0.1% sodium azide as preservative.
- Negative Control: Diluted serum containing 0.1% sodium azide as preservative.
- Positive Control: Diluted serum containing 0.1% sodium azide as preservative.

Composition/Information On Ingredients

Test strip, containing a membrane strip coated with the H. pylori antigen and a pad impregnated with the antibody-dye conjugate in a protein matrix, plastic pipettes (10 µl), developer solution & desiccant which is sealed in an airtight pouch that also contains a desiccant.

Hazards Identification

Physiochemical: None

Health: The kit contains sodium azide at a concentration of ≤ 0.1%. All concentrations are below the acceptable limits specific to each chemical.

Environmental: None

First-Aid Measures

Dry reagents are applied to the device which is sealed in an airtight pouch. If the user comes into contact with the sample (human blood) and its products being tested which are potentially infectious; handle with appropriate Precautions-normal personal hygiene measures should be taken.

Fire-Fighting Measures

Not Applicable

Accidental Release Measures

Not Applicable

Handling & Storage

The kit can be stored at room temperature or refrigerated at 2 °C –30 °C (35 °F–86 °F) in its original sealed pouch until use, out of direct sunlight. **Do not freeze.** Kit contents (test device and reagents) are stable through the expiration date printed on the box. Do not use beyond the expiration date.

Exposure Controls/Personal Protection

- For professional *in vitro* diagnostic use only. Do not use after expiration date indicated.
- Do not eat, drink or smoke in the area where the specimens and kits are handled.
- Handle all specimens as if they contain infectious agents. Observe established precautions against microbiological hazards throughout the procedure and follow the standard procedures for proper disposal of specimens.
- Use good laboratory practice: wear protective clothing such as laboratory coats, disposable gloves and eye protection when specimens are assayed. Wash hands thoroughly afterwards.



Kit MSDS Cover Sheet

Revised (year/month/day) 2012/03/12

- Humidity and temperature can adversely affect results. The test should remain in its original sealed pouch until ready for use. Do not use if the pouch is damaged or the seal is broken.
- The positive and negative controls contain sodium azide (NaN_3) as a preservative, which, on contact with lead or copper plumbing, may react to form explosive metal azides. Use a large volume of water to flush reagents on disposal.
- Do not interchange kit reagents.
- Do not interchange reagent bottle caps.
- Do not interchange external control solution bottle caps.

Physical & Chemical Properties

The device consists of a membrane and pad materials which contain dried chemical reagents. The product is odorless.

Stability & Reactivity

The contents of the kit are stable under the conditions of use until the expiration date indicated on the corresponding label.

Toxicological Information

Not Applicable

Ecological Information

Not Applicable

Disposal Considerations

The used test device should be disposed of using an autoclave or by incineration as for other waste containing biological material. Waste material must be disposed of in accordance with federal, state and local regulations.

Transport Information

Not Applicable

Regulatory Information

Not classified as hazardous.

Other Information

None

MATERIAL SAFETY DATA SHEET

Immuno Detector™ H. Pylori

Developer, Positive & Negative Control

MSDS DATE: 03/19/2012

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments,
 OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and
 the requirements of the U.S. Department of Labor Occupational Safety
 & Health Administration.

Regulatory Status:

This preparation is classified as hazardous under U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.

None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Immuno Detector™ H. Pylori Developer, Positive & Negative Control
SERIES NAME: Immuno H. Pylori

DESCRIPTION: Aqueous solution(s) containing 0.1% sodium azide as preservative.

PRODUCT USE: For In Vitro Diagnostic Use. See product literature for details.

MANUFACTURER: Immunostics, Inc.
 1750 Brielle Ave.
 Suite A5
 Ocean, NJ 07712

Telephone: +1 (732) 918-0770 **Toll Free:** +1 (800) 722-7505
Emergency: +1 (800) 424-9300 **Int'l:** +1 (703) 527-3887
Fax: +1 (732) 918-0618
Email: Technical@Immunostics.com
Website: www.Immunostics.com

SECTION 2: COMPOSITION**COMPOSITION:** Mixture consisting of the following components

IUPAC	SYNONYMS	MOLECULAR FORMULA	IDENTIFIERS
Sodium Azide IMIS: S113	Sodium Azide Azide, Sodium trinitride, Smite, Azium, Hydrazoic acid & sodium salt	NaN₃ (IARC) carcinogenic classification: Group 3-not classifiable as to its carcinogenicity to humans	CAS 26628-22-8 PUBCHEM N/A EC 247-852-1 UN 1687 RTEC VY8050000



SECTION 3: HAZARDOUS INGREDIENTS

Classification of the substance or mixture according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by the Occupational Safety and Health Administration Hazard Communication Standard or European Directive 67/548/EEC and 1999/45/EC.

Information concerning particular hazards for human and environment: The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Label elements according to EU guidelines: Observe the general safety regulations when handling chemicals

OSHA PEL	ACGIH TLV	DFG MAK	NIOSH	Classification: 1999/45/EC & 67/548 EEC
Sodium Azide EU Index: 011-004-00-7 EU Classification: Highly toxic (T+) Dangerous for the environment (N)	None	0.29 mg/m3 Ceiling	0.2 mg/m3 MAK (inhalable fraction)	0.3 mg/m3 (as NaN ₃) [skin]
				Labeling  
				R & S Phrases R28, R32, R50/53 ¹ (S1/2), S28, S45, S60, S61 ²

¹ R28: Very toxic if swallowed; R32: Contact with acids liberates very toxic gas; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

² (S1/2): Keep locked up and out of the reach of children; S28: After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer); S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible); S60: This material and its container must be disposed of as hazardous waste; S61: Avoid release to the environment. Refer to special instructions/safety data sheet.



MATERIAL SAFETY DATA SHEET

Immuno Detector™ H. Pylori

Developer, Positive & Negative Control

MSDS DATE: 03/19/2012

SECTION 4: FIRST AID MEASURES

Primary routes of entry: Eye and skin contact; ingestion; inhalation & skin absorption.
Medical condition Aggravated by Exposure: Eyes/skin hypersensitivity

- EYES:** Immediately flush eyes with plenty of tepid water for 15 minutes while separating eyelids with fingers. Remove contact lenses if worn. Obtain medical attention if needed or if symptoms, such as redness or irritation persist.
- SKIN:** In case of contact, flush skin with copious amounts of cool water and remove contaminated clothing. Obtain medical attention if needed or if irritation or other symptoms develop.
- INGESTION:** In case of ingestion, contact a poison control center or physician for instructions. Only induce vomiting if directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- INHALATION:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

SECTION 5: FIRE & EXPLOSION HAZARD DATA

GENERAL INFORMATION: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

FLASH POINT: Not applicable.

AUTOIGNITION TEMPERATURE: N/A

HAZARD CLASSIFICATION: Dilute aqueous solution not considered a fire hazard.

HEALTH: ☒ **FLAMMABILITY:** ☒ **REACTIVITY:** ☒ SPECIAL ☐

EXTINGUISHING MEDIA: Use extinguishing media suitable for surrounding fire, such as carbon dioxide, chemical foam, or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Wear protective clothing. Use self-contained breathing apparatus (NIOSH Certified). No special measures required.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition, may produce hydrazoic acid fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

If material is released or spilled, wear all appropriate protective equipment described in Section 8 before cleaning up the spill or handling contaminated material. Wipe up the spill and dispose of the contaminated material. Avoid creating aerosols or dust while cleaning up a spill.

After the material has been picked up and contained in a bag, wash the spill site with distilled or deionized water.

Personal Precautions Use good laboratory procedures; proper personal protective equipment; avoid eye and skin contact.

Spill and Leak Procedures Absorb spilled material with an appropriate inert, non-flammable absorbent and dispose according to local regulations.

Environmental Precautions Contain spill to prevent migration. Do not flush down the drain. Over a period of time, sodium azide may react with copper, lead, brass, or solder in plumbing systems to form an accumulation of the highly explosive compounds of lead azide and copper azide.

SECTION 7: HANDLING & STORAGE

HANDLING & STORAGE: Store at (2°C-30°C or 35°F-86°F) out of direct sunlight. Do not freeze. Kit contents are stable until the expiration date printed. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Store in a tightly closed container away from oxidizing agents, acidic materials as well as heavy-metal compounds.

OTHER PRECAUTIONS: For in vitro diagnostic use. Do not substitute reagents from kits from other manufacturers. To maintain efficacy, store according to the instructions in the product labeling.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.



MATERIAL SAFETY DATA SHEET

Immuno Detector™ H. Pylori

Developer, Positive & Negative Control

MSDS DATE: 03/19/2012

RESPIRATORY PROTECTION: Under normal conditions, the use of this product should not require respiratory protection. If overexposure should occur and ventilation is not adequate to maintain airborne concentrations at acceptable levels, the use of respiratory protection should be evaluated by a qualified professional. Use a surgical mask or similar respiratory protection to cover nose, mouth and mucous membranes.

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

EYE PROTECTION: Safety glasses or chemical goggles should be worn to prevent eye contact. Refer U.S. OSHA 29 CFR 1910.133, European Standard EN166 or appropriate government standards.



SKIN PROTECTION: Wear Impervious gloves, such as latex or equivalent, should be worn to prevent skin contact and especially cover any cuts, abrasions or skin lesions. Dispose of gloves as biohazardous material. Wash hands thoroughly after removing gloves. Use extreme caution with any sharp object to avoid percutaneous exposure to material. Wear outer protective garments such as a lab coat or gown.

Refer U.S. OSHA 29 CFR 1910.138, European Standard EN374 or appropriate government standards.

ENGINEERING CONTROLS: This preparation is aqueous and non-volatile and is not expected to require special ventilation measures. Facilities storing or using this preparation should be equipped with an eyewash fountain.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

pH:	Neutral
Boiling Point:	N/A
Freezing Point:	< -20 °C
Specific Gravity (H ₂ O = 1):	N/A
Vapor Pressure (mm Hg):	N/A
Vapor Density (AIR = 1):	N/A
Evaporation Rate (Butyl Acetate = 1):	N/A
Solubility in Water:	Soluble
Appearance and Odor:	Clear liquid

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Is stable when stored according to approved labeling except when exposed to excessive heat, sparks, open flame, other sources of ignition and incompatible chemicals.

CONDITIONS TO AVOID: Do not freeze. Protect from prolonged exposure to heat, humidity, and light, ignition sources & incompatible materials.

INCOMPATIBILITY (MATERIAL TO AVOID):
Incompatible material: strong oxidizers.
Incompatible materials: acids, heavy metals and their salts.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None expected under normal conditions of use.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

PRECAUTIONARY STATEMENTS:

CAUTION! The chemical, physical and toxicological properties of this preparation have not been thoroughly characterized. Avoid contact with eyes and skin. Do not ingest or inhale. Harmful by ingestion. Preparation appearance: clear, colorless liquid.

Potential Health Effects:

Inhalation	Aerosol may cause coughing and sore throat.
Eye	Exposure may cause irritation, redness and watering.
Skin	Contact may cause irritation, dryness and redness. Sodium Azide may be absorbed through the skin and result in systemic effects.
Ingestion	May cause nausea, diarrhea, vomiting, headache, slight lowering of blood pressure, abdominal pain, and a general feeling of apprehension and unwellness.



MATERIAL SAFETY DATA SHEET

Immuno Detector™ H. Pylori

Developer, Positive & Negative Control

MSDS DATE: 03/19/2012

Target Organs Cardiovascular and central nervous system.

	Oral LD50 Rat	Dermal LD50 Rabbit
Sodium Azide	27 mg/kg	20 mg/kg

Primary Routes of Exposure	The most likely routes of exposure are skin and eye contact.
Potential Effects of Chronic Exposure	Frequent or long-term contact may dry out the skin resulting in dermatitis. Repeated exposure may result in allergic reactions.
Carcinogenicity	No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex I.
Irritation/Sensitization	May cause sensitization by inhalation and skin contact.
Teratogenicity	None identified.
Mutagenicity	None identified.
Reproductive Toxicity	None identified.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	
Fresh Water Species	
Sodium Azide	96 Hr LC50 Oncorhynchus mykiss: 0.8 mg/L; 96 Hr LC50 Lepomis macrochirus: 0.7 mg/L; 96 Hr LC50 Pimephales promelas: 5.46 mg/L [flow-through]
Biodegradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.
Other Adverse Effects	No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information.

This preparation contains a small amount of sodium azide which can react with copper, lead, brass or solder in plumbing systems and form potentially explosive metal azides. If preparation enters drain, flush with a large volume of water to prevent azide build-up. Dispose of unused product, spilled material and waste in accordance with all applicable federal, state, local and provincial environmental and hazardous waste regulations.

Waste Classification: U.S. - California - 22 CCR - Presumed Hazardous Wastes (*Sodium azide Ignitable; Reactive*)

SECTION 14: TRANSPORT INFORMATION

Resource Conservation & Recovery Act (RCRA) Waste Number: P105

Basic Shipping Description:

IATA	UN Number: UN 3316
Proper Shipping Name:	Chemical Kit
Hazard Class:	9
Hazard Label:	Miscellaneous
Packing Group:	PG III
Packaging Instruction:	Y915
Special Provisions:	A44 (excepted quantities)
U.S. Department of Transportation (DOT) Consumer Commodity, ORM-D	

SECTION 15: REGULATORY INFORMATION**US Federal Regulations:**

This preparation is a component of an FDA-regulated in vitro diagnostic device.

TSCA (TOXIC SUBSTANCE CONTROL ACT): Present

CERCLA/SARA - Hazardous Substances and their Reportable Quantities: 1000 lb final RQ; 454 kg final RQ

302 Extremely Hazardous Substances EPCRA RQs: 1000 lb EPCRA RQ

302 Extremely Hazardous Substances TPQs: 500 lb TPQ (This material is a reactive solid. The TPQ does not default to 10000 pounds for non-powder, non-molten, non-solvent form)

CERCLA/SARA - 313 - Emission Reporting: 1.0 % de minimis concentration



MATERIAL SAFETY DATA SHEET

Immuno Detector™ H. Pylori

Developer, Positive & Negative Control

MSDS DATE: 03/19/2012

US State Regulations:

California - 8 CCR Section 339 - Director's List of Hazardous Substances Present

International Regulations:

If approved for European Communities use, this product is regulated under the In Vitro Diagnostic Medical Devices Directive (98/79/EC).

WATER HAZARD CLASS (GERMANY): WGK 2, hazard to waters

Canada

Domestic Substances List (DSL)	Present
WHMIS - Classifications of Substances	D1A
WHMIS - Ingredient Disclosure List	1 %
WHMIS Status	Exempt

SECTION 16: OTHER INFORMATION

ACGIH - Threshold Limits Values - Ceilings (TLV-C)

0.29 mg/m³ Ceiling (as NaN₃); 0.11 ppm Ceiling (vapor, as hydrazoic acid)

Canada - Quebec - Occupational Exposure Limits - Ceilings

0.11 ppm Ceiling; 0.3 mg/m³ Ceiling

EU - Occupational Exposure Directive (2006/15/EC) Indicative Occupational Exposure Limit Values (IOELV) - Skin Notations
possibility of significant uptake through the skin

EU - Occupational Exposure Directive (2006/15/EC) Indicative Occupational Exposure Limit Values (IOELV) - STELs
0.3 mg/m³ STEL

EU - Occupational Exposure Directive (2006/15/EC) Indicative Occupational Exposure Limit Values (IOELV) - TWAs
0.1 mg/m³ TWA

Israel - Occupational Exposure Limits - Ceilings

0.29 mg/m³ Ceiling (as NaN₃); 0.11 ppm Ceiling (vapor, as Hydrazoic acid)

Korea - Occupational Exposure Limits - Ceilings

0.1 ppm Ceiling; 0.3 mg/m³ Ceiling

Labeling: Hazard: warning: flammable, protect from heat.

Labeling: This package conforms to 49 CFR 173.4

NC Poison Control Center: 1-800-672-1697

FURTHER INFORMATION: This MSDS has been prepared in accordance with the ANSI Z400.1 format. Every effort has been made to adhere to the hazard criteria and content requirements of the U.S. OSHA Hazard Communication Standard, Canadian Controlled Products Regulation (CPR), UK Chemical Hazard Information and Packaging Regulations, European Communities REACH Regulation, and UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

DISCLAIMER: The information provided in this Material Data Safety Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. An MSDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. HOWEVER, IMMUNOSTICS, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall Immunostics, Inc. be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Immunostics, Inc. has been advised of the possibility of such damages. We reserve the right to update MSDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

Reviewed

Michael Locke
Michael Locke
QA/RA Analyst, Senior Lab

Date 03/19/2012

Approved

Richard M. Peoples
Richard M. Peoples
QA/RA Manager

Date 03/19/2012



NFPA 704

Health (Blue)		Flammability (Red)	
0	Poses no health hazard, no precautions necessary (e.g., water)	0	Will not burn (e.g., argon)
1	Exposure would cause irritation with only minor residual injury (e.g., acetone)	1	Must be heated before ignition can occur (e.g., mineral oil). Flash point over 93°C (200°F)
2	Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury (e.g., ethyl ether)	2	Must be moderately heated or exposed to relatively high ambient temperature before ignition can occur (e.g., diesel fuel). Flash point between 38°C (100°F) and 93°C (200°F)
3	Short exposure could cause serious temporary or moderate residual injury (e.g., chlorine gas)	3	Liquids and solids that can be ignited under almost all ambient temperature conditions (e.g., gasoline). Liquids having a Flash point below 23°C (73°F) and having a Boiling point at or above 38°C (100°F) or having a Flash point between 23°C (73°F) and 38°C (100°F)
4	Very short exposure could cause death or major residual injury (e.g., hydrogen cyanide , phosphine , carbon monoxide)	4	Will rapidly or completely vaporize at normal atmospheric pressure and temperature, or is readily dispersed in air and will burn readily (e.g., propane , hydrogen). Flash point below 23°C (73°F)

Instability/Reactivity (Yellow)		Special (White)	
0	Normally stable, even under fire exposure conditions, and is not reactive with water (e.g. helium)		The white "special notice" area can contain several symbols. The following symbols are defined by the NFPA 704 standard.
1	Normally stable, but can become unstable at elevated temperatures and pressures (e.g. propene)		
2	Undergoes violent chemical change at elevated temperatures and pressures, reacts violently with water, or may form explosive mixtures with water (e.g., phosphorus , potassium , sodium)	OX	Oxidizer (e.g., potassium perchlorate , ammonium nitrate , hydrogen peroxide)
3	Capable of detonation or explosive decomposition but requires a strong initiating source, must be heated under confinement before initiation, reacts explosively with water, or will detonate if severely shocked (e.g. ammonium nitrate)	W	Reacts with water in an unusual or dangerous manner (e.g., cesium , sodium , sulfuric acid)
4	Readily capable of detonation or explosive decomposition at normal temperatures and pressures (e.g., nitroglycerine , Trinitrotoluene)		

<p>CHEMTREC® (24 hours) 1-800-424-9300 (Toll-free in the U.S., Canada, and the U.S. Virgin Islands) For calls originating elsewhere: 703-527-3887 (Collect calls are accepted)</p>	<p>CHEMTEL, INC. (24 hours) 1-888-255-3924 (Toll-free in the U.S., Canada, Puerto Rico and the U.S. Virgin Islands) For calls originating elsewhere: 813-248-0585 (Collect calls are accepted)</p>
<p>INFOTRAC (24 hours) 1-800-535-5053 (Toll-free in the U.S., Canada, and the U.S. Virgin Islands) For calls originating elsewhere: 352-323-3500 (Collect calls are accepted)</p>	<p>3E COMPANY (24 hours) 1-800-451-8346 (Toll-free in the U.S., Canada, and the U.S. Virgin Islands) For calls originating elsewhere: 760-602-8703 (Collect calls are accepted)</p>

The emergency response information services shown above have requested to be listed as providers of emergency response information and have agreed to provide emergency response information to all callers. They maintain periodically updated lists of state and Federal radiation authorities who provide information and technical assistance on handling incidents involving radioactive materials.

NATIONWIDE POISON CONTROL CENTER (United States Only)

Emergency and information calls are answered by the nearest Poison Center (24 hours): **1-800-222-1222** (toll-free in the U.S.).

NATIONAL RESPONSE CENTER (NRC)

The NRC, which is operated by the U.S. Coast Guard, receives reports required when dangerous goods and hazardous substances are spilled. After receiving notification of an incident, the NRC will immediately notify the appropriate Federal On-Scene Coordinator and concerned Federal agencies. Federal law requires that anyone who releases into the environment a reportable quantity of a hazardous substance (including oil when water is, or may be affected) or a material identified as a marine pollutant must **immediately** notify the NRC. When in doubt as to whether the amount released equals the required reporting levels for these materials, the NRC should be notified.

CALL **NRC** (24 hours) **1-800-424-8802** (Toll-free in the U.S., Canada, and the U.S. Virgin Islands)
202-267-2675 in the District of Columbia

Calling the emergency response telephone number, CHEMTREC®, CHEMTEL, INC., INFOTRAC or 3E COMPANY, does not constitute compliance with regulatory requirements to call the NRC