



## Safety Data Sheet for ASSURANCE™ Drug Interference Test Kits (INT-04, INT-05) REV20150406

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ASSURANCE™ Drug Interference Test Kits INT-04 and INT-05  
Form: These products are a collection of drugs in water or ethanol, depending on solubility.

Hazardous ingredient: Ethanol  
*(as defined by OSHA, 29CFR 1910 and other regulations)*

Product Code(s) containing Ethanol: INT-04 (kit), INT-04E (Ethanol for control),  
INT-04ASA (Acetylsalicylic acid), INT-04CYC (Cyclosporine),  
INT-04IBU (Ibuprofen), INT-04PHE (Phenylbutazone),  
INT-04RIF (Rifampicin)  
INT-05 (kit), INT-05DEX (Dexamethasone), INT-05FUR (Furosemide)  
INT-05TAM (Tamoxifen), INT-05EVE (Everolimus)

Relevant uses of the product: General purpose reagent for use in interference testing

Company Information: Sun Diagnostics, LLC  
60 Pineland Drive  
Brunswick Hall, Suite 322  
New Gloucester, ME 04260  
[www.sundiagnosics.us](http://www.sundiagnosics.us)  
Phone: 207-926-1125

**In case of emergency please consult your local poison control center.**



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### 2. COMPOSITION/INGREDIENTS

Name	Concentration g/mL	Matrix	Name	Concentration g/mL	Matrix
Acetaminophen	0.00400	Water, 1 mL	Metoclopramide	0.0000101	Water, 1 mL
Acetylcysteine	0.03329	Water, 1 mL	Prochlorperazine	0.000032	0.2% DMSO, 1 mL
Acetylsalicylic Acid	0.01304	Ethanol, 1 mL	Dexamethasone	0.000012	Ethanol, 1 mL
Ampicillin	0.00123	Water, 1 mL	Ciprofloxacin	0.000200	Water, 1 mL
Cefoxitin	0.01390	Water, 1 mL	Famotidine	0.000012	Water, 1 mL
Cyclosporine	0.00010	Ethanol, 1 mL	Diphenhydramine	0.0001144	Water, 1 mL
Doxycycline	0.000649	Water, 1 mL	Furosemide	0.001197	Ethanol, 1 mL
Heparin	0.00033	Water, 1 mL	Pamidronate	0.0001566	Water, 1 mL
Ibuprofen	0.01000	Ethanol, 1 mL	Tamoxifen	0.0000297208	Ethanol, 1 mL
Levodopa	0.00040	Water, 1 mL	Everolimus	0.0000009	Ethanol, 1 mL
Methyldopa	0.00040	Water, 1 mL	Atorvastatin	0.000012	0.2% DMSO, 1 mL
Metronidazole	0.00240	Water, 1 mL	Gabapentin	0.00179892	Water, 1 mL
Phenylbutazone	0.00800	Ethanol, 1 mL	Glipizide	0.000039920384	0.1N NaOH, 1 mL
Rifampicin	0.001285	Ethanol, 1 mL	Levothyroxine	0.000020043246	0.1N NaOH, 1 mL
Theophylline	0.00080	Water, 1 mL			
Control	n/a	Ethanol, 1 mL			

### 3. HAZARDS IDENTIFICATION

Classification of Hazardous Material:

Ethanol, CAS No. 64-17-5, TOXIC, FLAMMABLE

Potential Health Hazards:

Eyes and Skin irritant; Can be toxic by ingestion and inhalation

### 4. FIRST AID MEASURES

Inhalation:

Remove to fresh air. Get medical attention for persistent discomfort.

Eyes:

Immediately flush eyes with water for at least 15 minutes. If irritation occurs or persists, get medical attention.

Skin:

Remove clothing and wash affected skin with soap and water. If irritation persists, get medical attention.

Ingestion:

If swallowed seek medical attention immediately.

### 5. FIRE FIGHTING MEASURES

Extinguishing media:

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

### 6. ACCIDENTAL RELEASE MEASURES

Cover spills with inert, absorbent material and remove to disposal container.

### 7. HANDLING AND STORAGE

Store as directed in the package insert. Handle with appropriate personal protective equipment (PPE).

60 PINELAND DRIVE  
BRUNSWICK HALL, SUITE 322  
NEW GLOUCESTER, ME 04260

PHONE: 207-926-1125 Δ TOLL FREE: 1-877-786-3424 Δ FAX: 207-926-1126

[www.sundiagnosics.us](http://www.sundiagnosics.us)



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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

General controls: Avoid eye and skin contact  
Protective clothing: The use of lab coats, gloves and goggles is recommended  
Special precautions: This product is to be used by trained laboratory personnel only. Keep out of reach of children.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Clear liquid, characteristic ethanol odor.

**10. STABILITY AND REACTIVITY**

Stable under recommended storage conditions. Unknown reactivity. Avoid heat, flames, and sparks.

**11. TOXICOLOGICAL**

Ethanol LD50: 7.06 g/kg (rat)  
Ethanol LC50 Inhalation: 20,000 ppm (rat; 10 hours)

Chronic ingestion of alcohol is associated with increased risk of cancer, liver cirrhosis, and congenital malformations.

However, proper handling of this product is not expected to result in relevant exposures.

Carcinogenicity and teratogenicity of this product has not been evaluated.

**12. ECOLOGICAL**

No data available.

**13. DISPOSAL CONSIDERATIONS**

Dispose according to local, state, and federal regulations.

**14. TRANSPORT INFORMATION**

This product is exempt from DOT requirements.

**15. REGULATORY INFORMATION**

Ethanol is listed in many states Right to Know Components, including MA, PA, and NJ.  
Ethanol is a section 311 material under the Clean Air Act.

**16. OTHER INFORMATION**

The information contained in this Safety Data Sheet is believed to be accurate and is provided in good faith without a warranty of any kind, expressed or implied.