



GTI DIAGNOSTICS®
Good science starts with people.®

MATERIAL SAFETY DATA SHEET

(Based on Directive 91/155/EEC et seq.)

Art. Code : See 1.1
Product Name: HLA Trays

1. INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY

- 1.1 Product name HLA Trays
- Catalog # 72, 72C, 96, 96C, 72BL, 72L, 72OR, B27, B27-1, DR, C-1, 72AB1/72AB2, 72ABC1/72ABC2
- GTI-72, GTI-72C, GTI-96, GTI-96C, GTI-72BL, GTI-72L, GTI-72OR, GTI-B27, GTI-B27-1, GTI-DR, GTI-C-1, GTI-72AB1/GTI-72AB2, GTI-72ABC1/GTI-72ABC2
- CT-ABC, CT-DR, CT-DR2, CT-DR7
- Kit components Trays
Rabbit Complement
- 1.2 Company GTI DIAGNOSTICS
20925 Crossroads Circle, Suite 200
Waukesha, WI 53186-4054, USA
(262) 754-1000 OR 1-800-233-1843
- 1.3 In emergencies After normal business hours, weekends, and holidays:
Call your local emergency center.
For Chemical Emergency Spill Leak Fire Exposure or Accident call CHEMTREC
Domestic North America: 800-424-9300
International: 703-527-3887 (collect calls accepted)

2. COMPONENTS AND HAZARDOUS INGREDIENTS

Kit Components	Hazardous Ingredients	Classification Substance	EINECS NR.
Trays	Contains material from human origin Contains material from rabbit and bovine origin Low amounts of Sodium azide (NaN ₃)	T+, N, R28-32-50/53	247-852-1
Rabbit Complement	Contains material from rabbit origin		

3. HAZARDS IDENTIFICATION

Trays

Animal proteins are potentially infectious.

Contains material of human origin. Although these materials have been tested for HBsAg, anti-HCV and anti-HIV-1/2 and have been found not reactive, they should be considered as potentially infectious.

4. FIRST AID MEASURES



All Components

- Eye contact:* - Rinse immediately with water for 15 minutes
- Do not apply neutralizing agents
- Consult a doctor/medical service if irritation persists
- Skin contact:* - Rinse with plenty of water
- Consult a doctor/medical service if irritation persists
- After ingestion:* - Never give water to an unconscious person
- Give nothing (little) to drink
- Consult a doctor/medical service if you feel unwell

5. FIRE FIGHTING MEASURES

Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Not Applicable

7. HANDLING AND STORAGE

All Components

- Handling:*
- Observe normal hygiene standards
 - Discharge according to local regulations
 - Remove and clean contaminated clothing
 - Handle and open the container with care
- Storage:*
- Keep container tightly closed
 - Meet the legal requirements
 - Keep away from: heat sources, combustible materials, acids, metals
 - Storage temperature: see component label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limits

Chemical/Component	TLV/NIOSH REL	OSHA PEL
Sodium azide (as NaN ₃)	0.3 mg/m ³ ACGIH TLV-CL	Not listed
Sodium azide (as HN ₃)	0.1 ppm	Not listed

Information in above table from NIOSH Pocket Guide to Chemical Hazards, 2003.

8.2 Control of Exposure

All Kit Components

- Eye protection:* - Safety glasses or face shield
- Hand protection:* - Protective Gloves
- Skin protection:* - Protective clothing



9. PHYSICAL AND CHEMICAL PROPERTIES

Trays

Plastic Terasaki Trays containing liquid in each well (at room temperature)

Rabbit Complement

Liquid (at room temperature)

10. STABILITY AND REACTIVITY

All components are stable until expiry date if stored and handled as specified (see label).

11. TOXICOLOGICAL INFORMATION

See "2. Composition/Information on ingredients" to identify the kit components that contain the substances mentioned in this section

Acute toxicity:

Sodium azide: LD50 oral rat : 27 mg/kg
LD50 dermal rabbit : 20 mg/kg

Chronic toxicity:

Sodium azide: Carcinogenicity (TLV) : A4

Routes of exposure

Ingestion, inhalation, eyes and skin

Acute effects/symptoms

Due to extremely small quantities: none expected.

Chronic effects

Components do not contain substances with a known chronic effect (e.g. carcinogenicity, mutagenicity, toxicity to reproduction)

12. ECOLOGICAL INFORMATION

Aquatic toxicity

Sodium azide: - LC50 (96 h) : 0.8 mg/l (SALMO GAIARDNERI/ONCORHYNCHUS MYKISS)
- LC50 (96 h) : 0.7 mg/l (LEPOMIS MACROCHIRUS)
- LC50 (48 h) : 9 mg/l (GAMMARUS SP.)

Other information

- WGK: 1 (Classification based on the components as per Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 17 May 1999)
- Effect on the ozone layer: Not dangerous for the ozone layer (1999/45/EC)- Greenhouse effect: No data available
- Effect on waste water purification: No data available



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13. WASTE DISPOSAL CONSIDERATIONS

Provisions relating to waste: Hazardous waste (91/689/EEC)

Packaging/container: Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 10 (packaging containing residues of or contaminated by dangerous substances)

Disposal methods:

- Patient specimens and trays are potentially infectious. They should be disposed of following established safety procedures and local regulations.
- All the kit components must be considered as hazardous waste. They should be disposed of following local regulations.
- Sodium azide reacts with lead and copper plumbing forming highly explosive metal azides.

14. TRANSPORT INFORMATION

No restrictions.

15. REGULATORY INFORMATION

Classification according to directives 67/548/EEC and 1999/45/EC identifies that this product is not dangerous.

16. OTHER INFORMATION

This product is designed for use by professionals.

The human blood components included in this kit have been tested by European approved and/or FDA approved methods and found negative for HBsAg, anti-HCV and anti-HIV-1/2. No known method can offer complete assurance that human blood derivatives will not transmit hepatitis, AIDS or other infections. Therefore, handling of reagents, serum or plasma specimens should be in accordance with local safety procedures.

All animal products and derivatives have been collected from healthy animals. Bovine components originate from countries where BSE has not been reported.

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

It remains the user's own responsibility to make sure that the information is appropriate and complete for his specific use of this product. The user is also responsible for observing any laws and applicable guidelines.

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