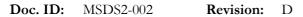
MATERIAL SAFETY DATA SHEET





1. Identification of the substance/preparation and company

Product Name: Intact Proinsulin Kit:

(1) Assay Standards

(2) Labelled Antibody Concentrate(3) Labelled Antibody Diluent

(4) Sample Buffer

(5) Coated Microtitre Plate(6) Wash Buffer Concentrate

Product Use: In vitro diagnostics

Company: Invitron Limited

Wyastone Business Park, Wyastone Leys, Monmouth, NP25 3SR, UK

Phone:+44 (0) 1600 891536 Fax:+44 (0) 1600 891537

2. Composition/information on ingredients

Substance/preparation: Preparation

Water based buffers containing the following hazardous ingredients:

| Name | CAS No. | EC No. | Conc. (%) | Classification |
|----------------------|------------|-----------|-----------|-----------------|
| Sodium Azide (2,3,4) | 26628-22-8 | 215-778-9 | <0.05 | R28,R32, R50/53 |
| Thiomersal (6) | 54-64-8 | 200-210-4 | <0.05 | R26/27/28 |

3. Hazards identification

There are no ingredients present at concentrations that are classified as hazardous to health or the environment (EU 67/548/EEC and 1999/45/EC).

4. First aid measures

Eye contact: (1-6) Flush with water. Obtain medical attention.

Skin contact: (1-6) Wash skin thoroughly with water. Remove contaminated

clothing and wash before re-use. Unless contact has been slight,

obtain medical attention.

Inhalation: (1-6) Remove from exposure, obtain medical attention.

Ingestion: (1-6) Obtain medical attention.

5. Fire-fighting measures

Flammability: (1-6) Non-flammable
Extinguishing media: (1-6) No restriction
Flash point (deg C): (1-6) Not applicable
Explosive limits (%): (1-6) Not applicable

Fire fighting procedures: (1-6) Standard procedures. Protective clothing and self-contained

breathing apparatus for confined spaces.

6. Accidental release measures

Precautions: (1-6) Wear appropriate protective clothing. If local regulations permit,

mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on an inert absorbent, transfer to

container and arrange removal by disposal company.

7. Handling and storage

Handling: (1-6) Wear appropriate personal protective equipment. Avoid contact

with skin and eyes.

Storage: (1-6) Store in original container in a dry, cool, well ventilated area.

Containers that have been opened must be carefully resealed and

stored upright to prevent leakage.

Special requirements: (1-6) None

8. Exposure controls/personal protection

Workplace exposure limits (EH40/2005):

Name Short term exposure limit Long term exposure limit 15 min reference period 8 hour TWA reference period

Sodium Azide (2,3,4) 0.3 mg/m^3 0.1 mg/m^3

Occupational exposure controls:

Respiratory: (1-6) Not applicable **Ventilation:** (1-6) Not applicable

Hand protection: (1-6) Chemical resistant gloves (butyl rubber, PE or PVC)

Eye protection: (1-6) Chemical safety glasses

Other measures: (1-6) If handling large quantities - plastic apron, sleeves, boots

9. Physical and chemical properties

Appearance: (1, 5) White, Solid

(2,3,4,6) Colourless liquid

Odour: (1-6) None

M Pt (deg C): (1-6) Not available
B Pt (deg C): (1-6) Not available
Specific Gravity: (1-6) Not available
Flash point (deg C): (1-6) Not available
Explosive limits (%): (1-6) Not available
Vapour pressure: (1-6) Not available
Vapour density: (1-6) Not available

Solubility in water: (1-6) Miscible in all proportions

10. Stability and reactivity

Chemical Stability: (1-6) The product is stable

Hazardous reactions: (1-6) None known when used appropriately

Hazardous decomposition products: (1-6) None known

11. Toxicological information

Eyes: (6) May causes eye irritation.

Skin:(1-6) Not applicableInhalation:(1-6) Not applicableIngestion:(1-6) Not applicable

Other: (1-6) Quantitative data on the toxicity of this product are not available.

Handle in accordance with good industrial hygiene and safely practice.

12. Ecological information

Not available

13. Disposal considerations

Disposal should comply with the requirements of environmental protection and waste disposal legislation and regional local authority requirements.

14. Transport information

International transport regulations:

Not regulated, non-hazardous for transport

UN Number Shipping Name Classes Packing Group

N/A N/A N/A

15. Regulatory information

Classification has been determined according to EU 67/548/EEC and 1999/45/EC.

Product Use Industrial applications

16. Other information

Risk Phrases referred to in section 2 R26/27/28: Very toxic by inhalation, in contact

with skin and if swallowed

R32: Contact with acids liberates very toxic gas R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment

The information herein is believed to be correct as of the date hereof, but is provided without warranty of any kind. The recipient of our products is responsible for observing any laws and guidelines applicable.

This product, or the components thereof, is not for internal or external use in humans or animals. Use only as directed on the enclosed package insert. Invitron Ltd will assume no liability for the improper use of this product. Good laboratory practice should be observed at all times. Skin, mucous membranes, or eyes that come into contact with this product should be irrigated with plenty of water. If irritation results or persists, obtain medical attention.