

# MATERIAL SAFETY DATA SHEET

## skylab VB1 Liver Panel

Section 1. PRODUCT IDENTIFICATION	
Product Name	skylab VB1 Liver Panel
Product Number	900-130A, 900-130B, 900-130C, 900-130D, 900-130Z
Product description	<b>The product consists of a plastic round disc and encased dried reagents (mixture of chemicals) and diluent.</b> See package insert for detail information.
CAS Number	Mixture of materials
Company identification	LITE-ON IT Corporation H.S.P.B No. 8, Dusing Road Hsinchu Science Park, Hsinchu, Taiwan

Section 2. COMPOSITION / INFORMATION ON INGREDIENTS		
<p>The product consists of a plastic round disc and encased dried solid reagents (mixture of chemicals) and diluent. <b>The dried reagents contain minimal amount of hazardous chemicals (&lt;1%), and there is no potential for exposure under normal storage and use conditions.</b></p> <p>Note: This product is an “article”, not a “hazardous chemical” as regulated under the OSHA communication Standard 29CFR 1910.1200 (See 29 CFR 1910.1200(b)(6)(v)).</p>		
Chemical Name	CAS No.	Wt. %
Sodium Azide	26628-22-8	< 0.1%
Triton X-100	9002-93-1	< 1%
Product contains additional ingredients which offer no hazard as supplied.		

Section 3. HAZARDS IDENTIFICATION
<p>R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R36 Irritating to eyes</p> <p>S24/25 Avoid contact with skin and eyes</p> <p>S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S37 Wear suitable gloves</p> <p><b>Chemicals are in the form of solid reagent beads and diluent encased in a plastic disc. Under normal use there is no potential for exposure.</b></p>

**SECTION 4. FIRST AID MEASURES**

**Eye contact:** Flush eyes with cold water for 15 minutes. Seek medical attention if irritation develops.

**Skin contact:** Rinse area immediately with plenty of water.

**Inhalation:** Supply fresh air. Seek medical attention if respiratory irritation develops.

**Ingestion:** DO NOT INDUCE VOMITING. Give large quantities of water and seek medical attention.

**SECTION 5. FIRE FIGHTING MEASURES**

**Extinguisher media:** Use water spray, foam, dry powders or carbon dioxide.

**Special protective equipment for firefighters:** Wear self contained breathing apparatus.

**Unusual fire and explosive hazards:** Emits toxic fumes under fire conditions from plastic.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Use personal protective equipment as required.

**Environmental precautions:** Avoid release to the environment.

**Methods and materials for containment and cleaning up:** Wipe up with appropriate absorbent materials.

**SECTION 7. HANDLING AND STORAGE**

Follow safe chemical handling procedures for handling and storage.

Wear gloves when handling the product.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal Protective Equipment:**

**Hand Protection:** Chemical resistant gloves

**Eye Protection:** Safety glasses or face shield

**Body Protection:** Protective work clothing or lab coat.

**When the product is used as directed with human blood:** Use appropriate personal protection equipment as instructed in an internal blood borne pathogen exposure control plan.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: solid	Color: various
ODOR: nil	Solubility in water: soluble for solid reagent
Boiling Point: 220°C/428°F (Plastic Disc)	Melting Point: 130°C/266°F (Plastic Disc)
Flammability: Product is not flammable	VOC: None
Solids Contents: 96%	Solution Contents: 4%

## SECTION 10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Excess heat or flame

Hazardous decomposition products: None under normal storage and use conditions

## SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological properties have not been investigated.

Adverse health effects are not known nor are expected under normal use.

## SECTION 12. ECOLOGICAL INFORMATION

The ecological effects have not been investigated. But once the product was used with biological specimen that must be disposed of as biological waste.

## SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state, and local regulations.

**SECTION 14. TRANSPORTATION INFORMATION**

Shipped with ice pack or in refrigerator.

**The product does not release or otherwise result in exposure to hazardous chemical under normal conditions of use and transport.**

Transportation Regulation	Hazard Class
DOT 49 CFR	Not Restricted
ITAT/ICAO	Not Restricted
IMDG	Not Restricted

**SECTION 15. REGULATORY INFORMATION**

Data not available

**SECTION 16. OTHER INFORMATION**

The above information believed to be accurate and represents the information currently to us. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions and manner of use are outside our control, we make no warranties, express or implied, and assume no liability in the connection with any use of this information.

**Issue By: LITE-ON IT Corporation H.S.P.B**

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