

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : **Human Nuclear Factor (erythroid-derived2)-like 2 (Nrf2) Assay kits**

Product Number : **IB10001-32, IB10001, IB10002**

Supplier : **INDIGO Biosciences, Inc.**, 1981 Pine Hall Rd, State College, PA, 16801, USA

2. BIOACTIVE KIT COMPONENTS

L-Sulforaphane (CAS-No.142825-10-3); 40 mM solution, solvated in DMSO

Synonym: 1-isothiocyanato-4-[(R)-methylsulfinyl]-butane

3. HAZARDS IDENTIFICATION

Mammalian reporter cells: Bio-safety Level 1 (BSL-1). Non-infectious, non-hazardous, mycoplasma-negative, devoid of exogenous self-replicating or transmissible genetic elements or viral vectors; use personal protection devices (section 4) to avoid direct contact.

Cell culture media (CRM and CSM): contains 10% fetal bovine serum; use personal protection devices (section 4) to avoid direct contact.

4. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection Wear impervious clothing.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice. Always wash hands 1.) immediately after using these kit components, and 2.) before leaving the lab environment.

5. FIRST AID MEASURES

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Rinse mouth with water. Consult a physician.

6. STABILITY AND REACTIVITY of L-Sulforaphane

Flammable liquid and vapor: keep away from heat/sparks/open flame

Stable under recommended storage conditions.

Hazardous decomposition products formed under fire conditions. - Carbon oxides

7. TOXICOLOGICAL INFORMATION of L-Sulforaphane

Causes serious eye damage/eye irritation

Cause sensitization by skin contact.

8. TRANSPORT INFORMATION

DOT (US) Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

9. REGULATORY INFORMATION

OSHA Hazards Target Organ Effect, Skin sensitizer

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

10. DISPOSAL CONSIDERATIONS

Do NOT dispose of liquid or solid waste through municipal drainage or landfill systems. Contact a licensed professional waste disposal service to dispose of these materials.