

## Safety Data Sheet (SDS)

This product is a chemical substance and is intended to be used by persons having chemical knowledge and skill, at their own discretion and risk.

Revision Date: Sep. 1, 2017

### Section1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifier

Product Name: HilyMax  
Product Code: H357  
CAS Number: -  
EC Number: -

#### 1.2 Details of the supplier of the safety data sheet

Company: Dojindo Laboratories  
Address: Tabaru 2025-5 Mashiki-machi, Kamimashiki-gun, Kumamoto 861-2202, Japan  
Telephone: +81-96-286-1515  
Fax: +81-96-286-1525  
Emergency phone number : +81-96-286-1515

#### 1.3 Product use

For research use only.

### Section2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008.[EU-GHS/CLP]  
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

#### 2.2 Label elements

##### Labeling according Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Pictogram: None

Signal word: None

Hazard statement(s): None

Precautionary statement(s): None

#### 2.3 Other hazards

None known.

### Section3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Product name: HilyMax

### Section4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

If inhaled: If breathed in, move into fresh air. Seek medical advice if discomfort occurs. If not breathing, give artificial respiration. Call a physician.  
If swallowed: Do not induce vomiting. Wash out mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention.  
In case of skin contact: Wash off with plenty of water. Remove contaminated clothing and laundry before reuse.  
In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation occurs.

#### 4.2 Most important symptoms and effects, both acute and delayed

No information available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No information available.

### Section5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

Use extinguishing media appropriate for the surrounding fire.

- 5.2 Special hazards arising from the substance or mixture**  
May emit toxic fumes under fire conditions.
- 5.3 Special protective equipment for firefighters**  
Wear self-contained breathing apparatus and full protective clothing if necessary.

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## Section6. ACCIDENTAL RELEASE MEASURES

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- 6.1 Personal precautions, protective equipment and emergency procedures**  
Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid formation of dust. Avoid breathing dust, vapors, mist or gas. Avoid contact with skin and clothing.
- 6.2 Environmental precautions**  
Prevent further leakage. Prevent contamination of drains with product.
- 6.3 Methods and materials for containment and cleaning up**  
Pick up and collect product in suitable container for disposal.

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## Section7. HANDLING AND STORAGE

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- 7.1 Precautions for safe handling**  
Avoid contact with skin and eyes. Avoid formation of dust. Avoid breathing dust, vapors, mist or gas. Wear appropriate protective personal equipment. Use only with adequate ventilation.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Keep tightly closed.  
Store in a cool (0-5°C), dark and dry place.

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## Section8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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- 8.1 Control parameters**  
Contains no substances with occupational exposure limit values.
- 8.2 Exposure controls**
- Engineering measures**  
Ensure adequate ventilation, especially in confined areas.
- Hygiene measures**  
Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Wash hands, forearms and face after handling.
- Personal protective equipment**
- Eye/face protection:** Wear safety glasses with side-shields conforming to European Standard EN166.
- Hand protection:** Wear protective gloves conforming to EU Directive 89/686/EEC and European Standard EN374. Gloves must be inspected prior to use. Avoid skin contact with product when remove gloves. Dispose of contaminated gloves safely after use.
- Skin and body protection:** Wear laboratory coat or impervious clothing. Choose appropriate body protection according to the amount and concentration of the substance at the work place.
- Respiratory protection:** Wear suitable respiratory equipment in case of inadequate ventilation.

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## Section9. PHYSICAL AND CHEMICAL PROPERTIES

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### Information on basic physical and chemical properties

a) Appearance:	
HilyMax Reagent	White to slightly yellow powder
Lipoform Buffer	Colorless liquid
b) Odor:	
HilyMax Reagent	Odorless
Lipoform Buffer	Odorless
c) Odor Threshold:	No data available
d) pH:	No data available
e) Melting point/freezing point:	No data available
f) Initial boiling point and boiling range:	No data available
g) Flash point:	No data available
h) Evaporation rate:	No data available
i) Flammability (solid, gas):	No data available
j) Upper / lower flammability or explosive limits:	No data available
k) Vapor pressure:	No data available
l) Vapor density:	No data available
m) Relative density:	No data available
n) Solubility(ies):	No data available
o) Partition coefficient: n-octanol / water:	No data available
p) Auto-ignition temperature:	No data available
q) Decomposition temperature:	No data available
r) Viscosity:	No data available

s) Explosive properties:	No data available
t) Oxidizing properties:	No data available

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## Section10. STABILITY AND REACTIVITY

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### Stability and reactivity

Reactivity:	Stable
Chemical stability:	Stable at a cool (0-5°C), dark and dry place.
Possibility of hazardous reactions:	No data available
Conditions to avoid:	Heat, sunlight, high temperature
Incompatible materials:	Strong oxidizing agents, strong acids and bases
Hazardous decomposition products:	No data available

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## Section11. TOXICOLOGICAL INFORMATION

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### 11.1 Information on toxicological effects

a) Acute toxicity:	No data available
b) Skin corrosion / irritation:	No data available
c) Serious eye damage/eye irritation:	No data available
d) Carcinogenicity:	No data available

No component of this product present at levels greater than or equal to 0.1% is identified as a possible, probable or confirmed human carcinogen by IARC.

e) Reproductive toxicity:	No data available
f) STOT - SE:	No data available
g) STOT - RE:	No data available
h) Aspiration hazard:	No data available

### 11.2 Potential health effects

Ingestion:	May be harmful if swallowed.
Inhalation:	May be harmful if inhaled. Causes respiratory tract irritation.
Skin:	May be harmful if absorbed through skin. Causes skin irritation.
Eyes:	Causes serious eye irritation.

### 11.3 Additional Information

No additional information is available

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## Section12. ECOLOGICAL INFORMATION

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### 12.1 Ecotoxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

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## Section13. DISPOSAL CONSIDERATIONS

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### Waste treatment methods

#### Product

Contact a licensed professional waste disposal service to dispose of this material. Dispose of in accordance with local regulations.

#### Contaminated packaging

Dispose of as unused product. Do not reuse empty containers.

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## Section14. TRANSPORT INFORMATION

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### 14.1 UN number, Transport hazard class(es) and Packaging group

	UN number	Transport hazard class(es)	Packaging group
ADR/RID:	-	-	-
IMDG:	-	-	-
IATA:	-	-	-

### 14.2 UN proper shipping name

ADR/RID:	-
IMDG:	-
IATA:	Not dangerous goods

### 14.3 Environmental hazards

ADR/RID:	No
IMDG:	No
IATA:	No

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**Section 15. REGULATORY INFORMATION**

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This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 [REACH], as amended by Commission Regulation (EU) No 453/2010.

**15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**

No information available

**15.2 Chemical Safety Assessment**

No information available

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**Section 16. OTHER INFORMATION**

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**Key to abbreviations and acronyms**

STOT-SE:	Specific Target Organ Toxicity - Single Exposure
STOT-RE:	Specific Target Organ Toxicity - Repeated Exposure
PBT:	Persistent Bioaccumulative and Toxic
vPvB:	very Persistent very Bioaccumulative and toxic
ADR:	European Agreement concerning the international carriage of Dangerous goods by Road
CAS:	Chemical Abstracts Service
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
IMDG:	International Maritime code for Dangerous Goods
REACH:	Registration, Evaluation, Authorization and restriction of Chemicals
RID:	Regulations concerning the International transport of Dangerous goods by rail