# **DOJINDO Laboratories**

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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: Aug. 2, 2017						
Section 1. PRODUCT AND COMPANY IDENTIFICATION						
1.1	Product identifier					
	Product Name:	Ins(1,4,5)P <sub>3</sub> (synthetic)				
	Product Code:	1007				
	CAS Number	85166-31-0				
	EC Number:	-				
1.2	Details of the supplier of	the safety data sheet				
	Company:	Dojindo Laboratories				
	Address:		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.					
Secti						
21	on2. HAZARDS IDENTIFI Classification of the sub	CATION stance or mixture				
2.1		Regulation (EC) No 1272/2008.[EU-GHS/CLF	0]			
		nce or mixture according to Regulation (EC) N				
			0. 1212/2000			
2.2	Label elements					
	Labeling according Regu	Ilation (EC) No 1272/2008 [EU-GHS/CLP]				
	Pictogram:	None				
	i lotogi si ili					
	Signal word:	None				
	Hazard statement(s):	None				
	Precautionary statement(s	): None				
2.3	Other hazards					
2.5	None known.					
	None known.					
Secti	on3. COMPOSITION/INFO	ORMATION ON INGREDIENTS				
3.1	Product Name:	Ins(1,4,5)P <sub>3</sub> (synthetic)				
	Synonyms:	D-myo-Inositol-1,4,5-triphosphate, tripotass	ium salt			
	Concentration:	≦100 %				
	Formula:	$C_{6}H_{12}K_{3}O_{15}P_{3}$				
	Molecular Weight:	534.37				
	ç					
	on4. FIRST AID MEASUR					
4.1	Description of first aid m					
	If inhaled:		ir. Seek medical advice if discomfort			
			ificial respiration. Call a physician.			
	If swallowed:		out mouth with water. Never give			
			cious person. Seek medical attention.			
	In case of skin contact:	· · ·	emove contaminated clothing and			
		launder before reuse.				
	In case of eye contact:		nty of water for at least 15 minutes. Seek			
4.2	Most important sumstan	medical attention if irritation occ	uis.			
4.2	No information available	s 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.

#### Section6. ACCIDENTAL RELEASE MEASURES

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.

#### Section7. HANDLING AND STORAGE

#### 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. Protect from light.

Store in a deep freeze at -20°C, dark and dry place.

#### Section8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Control parameters

8.2

Contains no substances with occupational exposure limit values.

#### 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 handing.

#### 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.

#### Section9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties				
a) Appearance:	White pellet			
b) Odor:	Odorless			
c) Odor Threshold:	No data available			
d) pH:	No data available			
<ul> <li>e) Melting point/freezing point:</li> </ul>	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			
<li>j) Upper / lower flammability or explosive limits:</li>	No data available			
k) Vapor pressure:	No data available			
I) Vapor density:	No data available			
m) Relative density:	No data available			
n) Solubility(ies):	No data available			
<ul> <li>Partition coefficient: n-octanol / water:</li> </ul>	No data available			
p) Auto-ignition temperature:	No data available			
q) Decomposition temperature:	No data available			
r) Viscosity:	No data available			

s) Explosive properties:
t) Oxidizing properties:

No data available No data available

Sectlo	on10. STABILITY AND REACTIVITY Stability and reactivity						
	Reactivity:	Stable					
	Chemical stability:	Stable at a deep freeze at -20°C, dark and dry place.					
Possibility of hazardous reactions: Conditions to avoid: Incompatible materials: Hazardous decomposition products:		No data available Heat, sunlight, high temperature Strong oxidizing agents, strong acids and bases When decomposed, it may emit toxic fumes of					
							carbonmonoxide and carbon dioxide.
					Sectio	on11. TOXICOLOGICAL INFORMAT	TION
1.1	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:						
		nent of this product present at levels greater than or equal to 0.1% is					
		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.					
	Eves:	Causes serious eye irritation.					
11.3	Additional Information						
	No additional information is available						
Sactio	on12. ECOLOGICAL INFORMATION	1					
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 assessmen	<b>*</b>					
12.3	No data available						
Socti	on13. DISPOSAL CONSIDERATION	6					
	Waste treatment methods	0					
	Product						
	Contact a licensed professional waste	e disposal service to dispose of this material. Dispose of in accordance					
	with local regulations.	· · ·					
	Contaminated packaging						
	Dispose of as unused product. Do no	ot reuse empty containers.					
Sootia							
<u>Sectio</u> 14.1	on14. TRANSPORT INFORMATION UN number						
	ADR/RID: -	IMDG: - IATA: -					
14.2	UN proper shipping name						
	ADR/RID:	Not dangerous goods					
	IMDG:	Not dangerous goods					
	in DO.	Not dangerous goods					
	ΙΔΤΑ·	Not dangerous goods					
4 3	IATA: Transport bazard class(es)						
14.3	Transport hazard class(es)						
-	Transport hazard class(es) ADR/RID: -	IMDG: - IATA: -					
-	Transport hazard class(es) ADR/RID: - Packaging group						
14.3 14.4	Transport hazard class(es) ADR/RID: - Packaging group ADR/RID: -	IMDG: - IATA: - IMDG: - IATA: -					
-	Transport hazard class(es) ADR/RID: - Packaging group ADR/RID: - Environmental hazards	IMDG: - IATA: -					
4.4	Transport hazard class(es) ADR/RID: - Packaging group ADR/RID: -						

#### Section15. REGULATORY INFORMATION

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

#### Section16. OTHER INFORMATION

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