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: Jun. 1, 2015
Secti	ion1. PRODUCT AND COM	PANY IDENTIFICATION	
1.1	Product identifier		
	Product Name:	Hydroxy-EG ₆ -hexadecaneth	niol
	Product Code:	H396	
	CAS Number	-	
	EC Number:	-	
1.2	Details of the supplier of the	e safety data sheet	
	Company:	Dojindo Laboratories	
	Address:	Tabaru 2025-5 Mashiki-ma	chi, 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	ion2. HAZARDS IDENTIFIC	ATION	
2.1	Classification of the subst		
	Classification according to R	egulation (EC) No 1272/2008.[EU-GHS/C	LP]
	Not a hazardous substance	e or mixture according to Regulation (EC)	No. 1272/2008
2.2	Label elements		
		tion (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.		
		RMATION ON INGREDIENTS	
3.1	Product Name:	Hydroxy-EG ₆ -hexadecanethiol	
	Synonyms:	16-Mercaptohexadecanol hexaethyleneg	Jlycol ether
	Concentration:	≦100 %	
	Formula:	C ₂₈ H ₅₈ O ₇ S	
	Molecular Weight:	538.82	
Secti	ion4. FIRST AID MEASURE	S	
4.1	Description of first aid mea		
	If inhaled:		sh air. Seek medical advice if discomfort
		occurs. If not breathing, giv	e artificial respiration. Call a physician.
	If swallowed:		ash out mouth with water. Never give anything
			s person. Seek medical attention.
	In case of skin contact:		er. Remove contaminated clothing and launder
		before reuse.	6
	In case of eye contact:		plenty of water for at least 15 minutes. Seek
			· ·

medical attention if irritation occurs. Most important symptoms and effects, both acute and delayed 4.2

No information available.

Indication of any immediate medical attention and special treatment needed 4.3 No information available.

Section5. FIRE-FIGHTING MEASURES

5.1	Extinguishin	g media
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- 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

6.3

8.2

Prevent further leakage. Prevent contamination of drains with product.

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. Packed under Nitrogen gas.

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

Section8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

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
Skin and body protection:	gloves safely after use. 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 to slightly yellow solid
b) Odor:	Pungent
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
I) 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:t) Oxidizing properties:

No data available No data available

Sectio	on10. STABILITY AND REACTIVITY			
	Stability and reactivity			
	Reactivity:	Stable		
	Chemical stability:	Stable at a deep freeze at -80°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:	When decomposed, it may emit toxic fumes of carbon		
	· · · · · · · · · · · · · · · · · · ·	monoxide, carbon dioxide and sulfur oxides.		
Sectio	n11. TOXICOLOGICAL INFORMATI	ON		
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		
1.2	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.		
1.3	Additional Information			
1.0	No additional information is available			
Contin				
2.1	on12. ECOLOGICAL INFORMATION Ecotoxicity			
2.1	No data available			
2.2	Persistence and degradability			
2.2	No data available			
2.3				
2.3	Bioaccumulative potential			
0.4	No data available			
12.4	Mobility in soil			
	No data available			
2.5	Results of PBT and vPvB assessment			
	No data available			
Sectio	n13. DISPOSAL CONSIDERATIONS	3		
	Waste treatment methods Product			
		disposal service to dispose of this material. Dispose of in accordance with		
	local regulations.	ה מושעטשע איז אראיניב איז		
	Contaminated packaging			
	Dispose of as unused product. Do not	reuse empty containers		
	Dispose of as unused product. Do not			
	n14. TRANSPORT INFORMATION			
4.1	UN number			
	ADR/RID: -	IMDG: - IATA: -		
4.2	UN proper shipping name			
	ADR/RID: -			
	IMDG: -			
	IATA: Not dange	rous goods		
4.3	Transport hazard class(es)			
	ADR/RID: -	IMDG: - IATA: -		
4.4	Packaging group			
	ADR/RID: -	IMDG: - IATA: -		
4.5	Environmental hazards			
	ADR/RID: No	IMDG: No IATA: No		

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