

Safety Data Sheet 2H26107 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

1.1. Identification				
Product form	: Substance			
Substance name	: 1,4-Bis(3,4-dicarboxyphenoxy)benzene dianhydride			
CAS No	: 17828-53-4			
Product code	: 2H26-1-07	: 2H26-1-07		
Formula	: C22H10O8			
Synonyms	: 5-{4-[(1,3-Dioxo-1,3-dihydro-2-benzofuran-5-yl)oxy]phenoxy}-1,3-dihydro-2-benzofuran-1, dione; HQDEA; Hydroquinone diphthalic anhydride	3-		
Other means of identification	: MFCD00346722			
1.2. Relevant identified uses of the s	substance or mixture and uses advised against			
Use of the substance/mixture	: Laboratory chemicals Manufacture of substances Scientific research and development			
1.3. Details of the supplier of the saf	fety data sheet			
SynQuest Laboratories, Inc.				
P.O. Box 309				
Alachua, FL 32615 - United States of Americ T (386) 462-0788 - F (386) 462-7097	Ca			
info@synquestlabs.com - www.synquestlabs	s.com			
1.4. Emergency telephone number				
Emergency number	: (844) 523-4086 (3E Company - Account 10069)			
SECTION 2: Hazard(s) identificati	ion			
2.1. Classification of the substance of	or mixture			
Classification (GHS-US)				
Skin Irrit. 2H315 - Causes skin irritationEye Dam. 1H318 - Causes serious eye cSTOT SE 3H335 - May cause respirator	damage			
Full text of H-phrases: see section 16				
2.2. Label elements				
2.2. Label elements GHS-US labeling				
2.2. Label elements GHS-US labeling	: CHS05 CHS07			
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	: GHS05 GHS07 : Danger			
Full text of H-phrases: see section 16 2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Danger H315 - Causes skin irritation H318 - Causes serious eye damage 			
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	: Danger : H315 - Causes skin irritation	ontac		

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P405 - Store locked up

P501 - Dispose of contents/container to an approved waste disposal plant

No additional information available 2.4. Unknown acuts toxicity (GHS US) 3.4. Unknown acuts toxicity (GHS US) 3.5. Composition/information on ingredients 3.5. Substance 3.		1 301		proved waste u	isposal plant	
1.4. Unknown acute toxicity (GHS US) 104 applicable 25CTION 32 Composition/information on ingradients 1.4. Big3.4 Composition/information on ingradients 24. Substance 25. Substance 25. Substance 26. Substance 27. Substance 28. Substance 29. Substance 21. Substance 21. Substance 21. Substance 22. Misture 21. Substance 22. Misture 23. Substance 24. Substance 24. Substance 25. Substance 26. Substance 27. Substance 28. Substance 29						
Not applicable SECTION 3: Composition/Information on ingredients Substance type Substance Substance Substance type Substance Substa						
SECTION 3: Composition/information on Ingredients 1.1 Substance 1.1 Substance 1.2 Substance						
Kit Substance Substance type : Mono-constituent Name Product identifier % Classification (GHS-US) (GMS No) 17828-53-4 Substance type : Cassification (GHS-US) (GMS No) 17828-53-4 <= 100						
Babitation type I Mono-constituent Product identifier % Classification (GHS-US) Name (CAB Ne) 17828-53-4 e= 100 Stin Init 2, H316 Eye Ban 1, H318 1-Aleigi 4-Adaptoxyphenoxylbenzene dianhydride (Men oratient) (CAB Ne) 17828-53-4 e= 100 Stin Init 2, H316 Eye Ban 1, H318 2-2 Mixture	SECTION 3: Composition/informatio	n on in	gredients			
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Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	6.1.2. For emergency responders					
20/04/04 P FN/(Facilish US) PD2/04/07 0/	Protective equipment				ment. For further informatio	n
19/21/2018 EN (English US) SDS ID: 2H26107 2/	09/21/2018	EN (En	glish US)	SDS ID: 2H26107	,	2/6

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.2. Environmental precautions			
Avoid release to the environment. Notify authorities if product enters sewers or public waters.			
6.3. Methods and material for containme	ent and cleaning up		
For containment	: Stop leak if safe to do so.		
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.		
Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".		
6.4. Reference to other sections			
No additional information available			
SECTION 7: Handling and storage			
7.1. Precautions for safe handling			
Precautions for safe handling	Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe dust, mist, spray. Wear personal protective equipment. Avoid contact with skin and eyes.		
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.		
7.2. Conditions for safe storage, includi	ng any incompatibilities		
Technical measures	: Comply with applicable regulations.		
Storage conditions	: Keep container closed when not in use. Moisture sensitive. Keep contents under inert gas.		
Incompatible materials	: Refer to Section 10 on Incompatible Materials.		
Storage area	: Store in dry, cool, well-ventilated area.		
SECTION 8: Exposure controls/personal protection			

8.1. Control parameters

No additional information available

8.2. Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Hand protection	: Protective gloves. 29 CFR 1910.138: Hand Protection.
Eye protection	: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection.
Other information	: Safety shoes. 29 CFR 1910.136: Foot Protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical a	nd chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: 260 - 264 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available

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9.2. Other information

No additional information available

SECTION 10	: Stability and	l reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from heat, sparks and flame. Moisture.

10.5. Incompatible materials

Alcohols. Oxidizing agents. Strong bases. Water.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of fire, see Section 5.

SECTION 11: Toxicological information 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Material is destructive to tissue of the mucuous membranes and upper respiratory tract. Cough, shortness of breath, headache, nausea.

SECT	ON 12: Ecological information
12.1.	Toxicity
No addi	ional information available
12.2.	Persistence and degradability
No addi	ional information available
12.3.	Bioaccumulative potential
No addi	ional information available

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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerat	ons	
13.1. Waste treatment methods		
Waste treatment methods	: Remove to an authorized incinerator equipped wit	h an afterburner and a flue gas scrubber.
Waste disposal recommendations	: Dispose of contents/container in accordance with	licensed collector's sorting instructions.
Additional information	: Recycle the material as far as possible.	
SECTION 14: Transport information	n	
Department of Transportation (DOT)		
In accordance with DOT		
Not regulated for transport		
TDG		
No additional information available		
Transport by sea		
No additional information available		
Air transport		
No additional information available		
SECTION 15: Regulatory informat	on	
15.1. US Federal regulations		
All components of this product are listed, or Substances Control Act (TSCA) inventory e	excluded from listing, on the United States Environmenta cept for:	I Protection Agency Toxic

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

1,4-Bis(3,4-dicarboxyphenoxy)benzene dianhydride (17828-53-4)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

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Full tex	t of H-phrases:	
	Eye Dam. 1	Serious eye damage/eye irritation Category 1
	Skin Irrit. 2	Skin corrosion/irritation Category 2
	STOT SE 3	Specific target organ toxicity (single exposure) Category 3
	H315	Causes skin irritation
	H318	Causes serious eye damage
	H335	May cause respiratory irritation
NFPA f	nealth hazard ire hazard reactivity	 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given. 0 - Materials that will not burn. 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS I	II Rating	
Health		: 2 Moderate Hazard - Temporary or minor injury may occur
Flamma	ability	: 0 Minimal Hazard - Materials that will not burn
		: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

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