

anti-Diphenylglyoxime Safety Data Sheet 4647116 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 11/02/2018 Version: 1.0

SECTION 1: Identification			
1.1. Identification			
Product form	: Substance		
Substance name	: anti-Diphenylglyoxime		
CAS No	: 23873-81-6		
Product code	: 4647-1-16		
Formula	: C14H12N2O2		
		ethane-1,2-diimine; alpha-Benzil dioxime; Diphenyl	othanadiana
Synonyms	dioxime		
Other means of identification	: MFCD00002113		
1.2. Relevant identified uses of the sub	stance or mixture and uses adv	ised against	
Use of the substance/mixture	: Laboratory chemicals Manufacture of substances Scientific research and deve	opment	
1.3. Details of the supplier of the safety	data sheet		
SynQuest Laboratories, Inc. P.O. Box 309 Alachua, FL 32615 - United States of America T (386) 462-0788 - F (386) 462-7097 info@synquestlabs.com - www.synquestlabs.com 1.4. Emergency telephone number	<u>ım</u>		
Emergency number	: (844) 523-4086 (3E Compar	v - Account 10069)	
		,,,,	
SECTION 2: Hazard(s) identification			
2.1. Classification of the substance or r	nixture		
Classification (GHS-US)			
Skin Irrit. 2H315 - Causes skin irritationEye Irrit. 2AH319 - Causes serious eye irritaSTOT SE 3H335 - May cause respiratory irrFull text of H-phrases: see section 16			
2.2. Label elements			
GHS-US labeling			
Hazard pictograms (GHS-US)	GHS07		
Signal word (GHS-US)	: Warning		
Hazard statements (GHS-US)	: H315 - Causes skin irritation H319 - Causes serious eye i H335 - May cause respirator		
Precautionary statements (GHS-US)	P261 - Avoid breathing dust, P264 - Wash skin thoroughly P271 - Use only outdoors or P280 - Wear protective glove P302+P352 - If on skin: Was P304+P340 - If inhaled: Ren P305+P351+P338 - If in eye lenses, if present and easy t P312 - Call a POISON CEN P321 - Specific treatment (se P332+P313 - If skin irritation P337+P313 - If eye irritation P362+P364 - Take off conta	mist, spray after handling in a well-ventilated area s/protective clothing/eye protection/face protection h with plenty of soap and water love person to fresh air and keep comfortable for bi s: Rinse cautiously with water for several minutes.	reathing
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P501 - Dispose of contents/container to an approved waste disposal plant

	ther hazards			
	al information available			
	nknown acute toxicity (GHS US)			
Not applicab				
SECTION	13: Composition/information of the second se Second second se	n ingredients		
3.1. Sι	ubstance			
Substance ty	уре :	Mono-constituent		
Name		Product identifier	%	Classification (GHS-US)
anti-Dipheny (Main constitu		(CAS No) 23873-81-6	<= 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Full text of F	H-phrases: see section 16			
3.2. M i	ixture			
Not applicat	ble			
SECTION	4: First aid measures			
l.1. De	escription of first aid measures			
irst-aid me	J	In case of accident or if you feel unwell, se where possible). Move the affected persor		5 (
First-aid me	asures after inhalation	Remove person to fresh air and keep com respiration. Get medical advice/attention.		
First-aid me		Wash with plenty of soap and water. Get n	nedical advice/atter	ntion.
		Immediately flush eyes thoroughly with wa		
		present and easy to do. Continue rinsing.		
irst-aid me	0	: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.		
		mouth out with water. Get medical advice/	attention.	
4.2. M	ost important symptoms and effects,		attention.	·
	ost important symptoms and effects, njuries			ed in the labelling (see section
Symptoms/ir	ost important symptoms and effects, njuries	both acute and delayed The most important known symptoms and 2.2) and/or in section 11.		ed in the labelling (see section
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6.2. Environmental precautions					
Avoid release to the environment. Notify authorities if product enters sewers or public waters.					
6.3. Methods and material for containm	6.3. Methods and material for containment and cleaning up				
For containment					
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, includ	ing any incompatibilities				
Technical measures	: Comply with applicable regulations.				
Storage conditions	: Keep container closed when not in use.				
Incompatible materials	: Refer to Section 10 on Incompatible Materials.				
Storage area	: Store in dry, cool, well-ventilated area.				
SECTION 9. Eveneouse controlo/nerconol protection					
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 an	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	: 237 - 240 °C (dec.)
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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Relative vapor density at 20 °C	: No data available
Molecular mass	: 240.2573 g/mol
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stabilit	y and reactivity
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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.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

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.

SECT	ION 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 irritation.
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

SECT	ION 12: Ecological information
12.1.	Toxicity
No addi	itional information available
12.2.	Persistence and degradability
No addi	itional information available
12.3.	Bioaccumulative potential
No addi	itional information available
12.4.	Mobility in soil
No addi	itional information available

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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations				
13.1. Waste treatment methods				
Waste treatment methods :	Remove to an authorized incinerator equipped with 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				

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 information

15.1. US Federal regulations

anti-Diphenylglyoxime (23873-81-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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

anti-Diphenylglyoxime (23873-81-6)

Listed on the Canadian DSL (Domestic Sustances List)

EU-Regulations

No additional information available

National regulations

anti-Diphenylglyoxime (23873-81-6) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
- 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 Irrit. 2A		Serious eye damage/eye irritation Category 2A
	Skin Irrit. 2		Skin corrosion/irritation Category 2
	STOT SE 3		Specific target organ toxicity (single exposure) Category 3
	H315		Causes skin irritation
	H319		Causes serious eye irritation
	H335		May cause respiratory irritation
NFPA	health hazard fire hazard reactivity	incapacitation or possible medical attention is given. : 0 - Materials that will not b	burn. under fire exposure conditions,
HMIS I Health	II Rating	· 2 Moderate Hazard - Ter	nporary or minor injury may occur
Flamm		: 0 Minimal Hazard - Mate	
Physica	al		rials that are normally stable, even under fire conditions, and will NOT rize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is offered solely for your consideration, investigation, and verification. It does not represent any guarantee of the properties of the product nor that the hazard precautions or procedures described are the only ones which exist. SynQuest shall not be held liable or any damage resulting from handling or from contact with the above product.