

Safety Data Sheet 27171X7 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification Identification 1.1. Product form : Substance Substance name 4-Acetyldiphenylmethane CAS No 782-92-3 Product code 2717-1-X7 Formula : C15H14O : MFCD00079700 Other means of identification 1.2. Relevant identified uses of the substance or mixture and uses advised against : Laboratory chemicals Use of the substance/mixture Manufacture of substances Scientific research and development 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 **Emergency telephone number** 1.4. Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification **Classification of the substance or mixture** 2.1. **Classification (GHS-US)** Skin Irrit. 2 H315 - Causes skin irritation Eye Dam. 1 H318 - Causes serious eye damage STOT SE 3 H335 - May cause respiratory irritation STOT RE 1 H372 - Causes damage to organs through prolonged or repeated exposure Full text of H-phrases: see section 16 2.2. Label elements **GHS-US** labeling Hazard pictograms (GHS-US) GHS05 GHS07 GHS08 Signal word (GHS-US) : Danger : H315 - Causes skin irritation Hazard statements (GHS-US) H318 - Causes serious eye damage H335 - May cause respiratory irritation H372 - Causes damage to organs through prolonged or repeated exposure : P260 - Do not breathe dust/fume/gas/mist/vapors/spray Precautionary statements (GHS-US) P264 - Wash skin thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310 - Immediately call a POISON CENTER or doctor/ physician P314 - Get medical advice/attention if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P403+P233 - Store in a well-ventilated place. Keep container tightly closed 09/24/2018 EN (English US) SDS ID: 27171X7 Page 1

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P405 - Store locked up P501 - Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards No additional information available 2.4. Unknown acute toxicity (GHS US) Not applicable Sector ION 3.2 Composition/information on ingredients 3.1. Substance Substance type : Mono-constituent Manne million Product identifier % Classification (GHS-US) EAR product identifier % Classification (GHS-US) Stron (GHS-US) Full lat of H-phrases: see section 16		1.201	- Dispose of contents/container to an ap	proved waste di	sposai piant
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Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. 6.1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information	General measures	: Evac	uate unnecessary personnel. Ensure ade	equate air ventila	ation. Do not breathe dust.
6.1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information	ک.1.1. For non-emergency personnel				
Protective equipment : Do not attempt to take action without suitable protective equipment. For further information	Emergency procedures	: Only	qualified personnel equipped with suitabl	e protective equ	lipment may intervene.
			ot attempt to take action without suitable to section 8: "Exposure controls/persona		ment. For further information

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6.2. Environmental precautions		
Avoid release to the environment. Notify author	ities if product enters sewers or public waters.	
6.3. Methods and material for containm	nent 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, includ	ling 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 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	d chemical properties
Physical state	: Solid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting point	: 38 - 40 °C
Freezing point	: No data available
Boiling point	: 188 - 190 °C (@ 5 mm Hg)
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	: 210.2711 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: Stability 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 bases. Strong oxidizing agents. Strong reducing 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.

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)	: Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

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

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

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic

Substances Control Act (TSCA) inventory except for:		3, .
4-Acetyldiphenylmethane	CAS No 782-92-3	100%

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

No additional information available

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

Full text of H-phrases:

Serious eye damage/eye irritation Category 1
Skin corrosion/irritation Category 2
Specific target organ toxicity (repeated exposure) Category 1
Specific target organ toxicity (single exposure) Category 3
Causes skin irritation
Causes serious eye damage
May cause respiratory irritation
Causes damage to organs through prolonged or repeated exposure
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NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 0 Minimal Hazard - Materials that will not burn
Physical	: 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)

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.