

1-Butyl-3-methy-1H-imidazol-3-ium acetate Safety Data Sheet 4H3310P according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/17/2018 Version: 1.0

Details Construction Product tom : Substance Substance name : 1-Butyl-3-methyl-H-midazol-3-jum acetate CAS No : 284049-75-8 Product tode : 4H31-10P Formula : C10H18N202 Synonyms : : 1-Methyl-3-butylinidazolium acetate; 1-Butyl-3-methylimidazolium acetate Deter means of identification : McDoB780175 12. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture : Subortion; research and development 13. Details of the supplier of the safety data sheet SynOuest Laboratories, Inc. Co. Dox 300 : : (44) 523-4066 (3E Company - Account 10069) SECTION 2: Hazard(3) Identification : : : Classification of the subukance or mixture : : : Classification of the substance or mixture : : : Classification of the substance or mixture : : : Classification of the substance or mixture : : : Classification of the subu		
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O. Box 309 Bachua, FL 32615 - United States of America (386) 462-0786 - F (386) 462-0787 fo@synquestlabs.com - www.synquestlabs.com 4. Emergency telephone number mergency number : (844) 523-4086 (3E Company - Account 10069) ECTION 2: Hazard(s) identification 1. Classification of the substance or mixture lassification (GHS-US) in Int. 2: H315 - Causes skin irritation ye Irrit. 2A ye Irrit. 2A 335 - May cause respiratory irritation ault ext of H-phrases: see section 16 2. Label elements HS-US labeling azard pictograms (GHS-US) ignal word (GHS-US)	3. Details of the supplier of the safe	ety data sheet
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2.3. Other hazards					
No additional information available					
2.4. Unknown acute toxicity (GHS US)					
Not applicable					
SECTION 3: Composition/information	on in	prodionte			
3.1. Substance		greulents			
	· Mono	constituent			
	. 1010110		0/		
Name 1-Butyl-3-methy-1H-imidazol-3-ium acetate		Product identifier (CAS No) 284049-75-8	% <= 100	Classification (GHS-US) Skin Irrit. 2, H315	
(Main constituent)		(CAS NO) 20+0+3-73-0	<= 100	Eye Irrit. 2A, H319 STOT SE 3, H335	
Full text of H-phrases: see section 16					
3.2. Mixture					
Not applicable					
SECTION 4: First aid measures					
4.1. Description of first aid measures					
-	where	e of accident or if you feel unwell, seek i possible). Move the affected personnel	away from the o	contaminated area.	
First-aid measures after inhalation		ve person to fresh air and keep comforta ation. Get medical advice/attention.	able for breathin	g. If not breathing, give artificial	
First-aid measures after skin contact	: Wash	with plenty of soap and water. Get med	ical advice/atten	tion.	
First-aid measures after eye contact		diately flush eyes thoroughly with water that and easy to do. Continue rinsing. Get			f
First-aid measures after ingestion		OT induce vomiting. Never give anything out with water. Get medical advice/atte		unconscious person. Rinse	
4.2. Most important symptoms and effects	s, both a	acute and delayed			
Symptoms/injuries		ost important known symptoms and effend/or in section 11.	ects are describe	ed in the labelling (see section	
4.3. Indication of any immediate medical a	attentio	and special treatment needed			
Treat symptomatically.					
SECTION 5: Firefighting measures					
5.1. Extinguishing media					
Suitable extinguishing media		ol resistant foam. Carbon dioxide. Dry po priate for surrounding fire.	owder. Water sp	ray. Use extinguishing media	
5.2. Special hazards arising from the subs	stance o	r mixture			
Fire hazard	: Thern	al decomposition generates: Carbon ox	ides. Nitrogen o	xides.	
Explosion hazard	: Risk c	f explosion if heated under confinement ners.	. Use water spra	ay or fog for cooling exposed	
5.3. Advice for firefighters					
Firefighting instructions	: In cas	e of fire: Evacuate area. Fight fire remot	ely due to the ris	sk of explosion.	
Protection during firefighting		gas tight chemically protective clothing i			
	appar	atus. For further information refer to sec	tion 8: "Exposure	e controls/personal protection".	
SECTION 6: Accidental release measure	ures				
6.1. Personal precautions, protective equi		and emergency procedures			
General measures		ate unnecessary personnel. Ensure ade or spray.	equate air ventila	ation. Do not breathe gas, fumes,	I
6.1.1. For non-emergency personnel					
0 11	: Only o	qualified personnel equipped with suitabl	e protective equ	ipment may intervene.	
6.1.2. For emergency responders					
		t attempt to take action without suitable o section 8: "Exposure controls/persona		ment. For further information	
Emergency procedures		apor heavier than air. May accumulate in	•	es, particularly at or below ground	d
12/17/2018	EN (Eng	lish US)	SDS ID: 4H3310P	2/6	;

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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 con	tainment and cleaning up		
For containment	: Stop leak if safe to do so. Dike for recovery or absorb with appropriate material.		
Methods for cleaning up	 Take up large spills with pump or vacuum and finish with dry chemical absorbent. Use explosion-proof equipment. Take up small spills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area. 		
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 stora	age		
7.1. Precautions for safe handling	J		
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 fumes, mist, spray, vapors. 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, i	ncluding any incompatibilities		
Technical measures	: Comply with applicable regulations.		
Storage conditions	: Keep container closed when not in use. Hygroscopic. 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

Control parameters 8.1.

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

 No data available No data available 153 °C No data available 	
: No data available	
. 20_00000	
: No data available	
: No data available	
•	
	 Liquid No data available

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Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 1.055 g/ml (@ 25 °C)
Molecular mass	: 198.2621 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	
Refractive index	: 1.938 (@ 25 °C)

SECTION 10: Stability and reactivity

10.1.ReactivityNo 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 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.

SECTION 11: Toxicological information			
11.1. Information on toxicological effects	S		
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		

SECTI	ON 12: Ecological information
12.1.	Toxicity
No additi	onal information available
12.2.	Persistence and degradability
No additi	onal information available
12.3.	Bioaccumulative potential
No additi	onal information available

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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

13.1. Waste treatment methods		
Waste treatment methods	: Remove to an authorized incinerator equipped v	with an afterburner and a flue gas scrubber.
Waste disposal recommendations	: Dispose of contents/container in accordance wi	th licensed collector's sorting instructions.
Additional information	: Recycle the material as far as possible.	
SECTION 14: Transport informat	ion	
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 informa	tion	
15.1. US Federal regulations		
All components of this product are listed, of Substances Control Act (TSCA) inventory	or excluded from listing, on the United States Environmer except for:	ntal Protection Agency Toxic
1-Butyl-3-methy-1H-imidazol-3-ium acetat	e CAS No 284049-75-8	100%

and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

1-Butyl-3-methy-1H-imidazol-3-ium acetate (284049-75-8) 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

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

Full text 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	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 1 - Must be preheated before ignition can occur.
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	 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
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.