

2-Amino-3-methylbutan-1-ol

Safety Data Sheet 4156188 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 12/06/2019 Version: 1.0

1.1. identification Substance Product form :: Substance Substance name :: 2.Amino 3-methylbutan 1-ol CAS No :: 10369-05-4 Product code :: 11561-188 Formula :: C5H13NO Synonyms :: D.V-Minol Dither means of identification :: MFCD000004730 1.2. Relevant identified uses of the substance or mixture and uses advised against Jas of the substance/mixture :: Libotationy chemicals Manufacture of substances SynOpers Labotatorise, Inc. :: MFCD000004730 1.3. Details of the supplier of the safety data sheet : MynOuest Labotatorise, Inc. YnOuest Labotatorise, Inc. :: (644) 523-4086 (3E Company - Account 10059) SECTION 22 Hazard(5) Identification :: (644) 523-4086 (3E Company - Account 10059) SECTION 22 Hazard(5) Identification :: (644) 523-4086 (3E Company - Account 10059) SECTION 22 Hazard(5) Identification :: (644) 523-4086 (3E Company - Account 10059) SECTION 22 Hazard(5) Identification :: (645) Signal word (GHS-US) :: (645) Signal word (GHS-US) :: Warning Hazard bittements (GHS-US) :: Warning Hazard bittements (GHS-US) :: Warning<	SECTION 1: Identification	
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on in	gredients		
: Mono	-constituent		
	Product identifier	%	Classification (GHS-US)
	(CAS No) 16369-05-4	<= 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
	3		,
	• •	ble for breathin	g. If not breathing, give artificial
: Wash	with plenty of soap and water. Get medi	cal advice/atten	tion.
	J J J		unconscious person. Rinse
s, both a	acute and delayed		
		cts are describe	ed in the labelling (see section
attentio	n and special treatment needed		
		wder. Water sp	ray. Use extinguishing media
stance c	or mixture		
		des. Nitrogen o	xides.
: In cas	se of fire: Evacuate area.		
		n combination w	ith self contained breathing
ures			
	and emergency procedures		
: Evacu	uate unnecessary personnel. Ensure ade	quate air ventila	ation. Do not breathe dust. Do not
: Only (qualified personnel equipped with suitabl	e protective equ	ipment may intervene.
	t attempt to take action without suitable to section 8: "Exposure controls/personal		ment. For further information
	 In cas where Remo respir Wash Imme prese Do NG mouth S, both a The n 2.2) a attention at	 (CAS No) 16369-05-4 In case of accident or if you feel unwell, seek r where possible). Move the affected personnel Remove person to fresh air and keep comforta respiration. Get medical advice/attention. Wash with plenty of soap and water. Get medi Immediately flush eyes thoroughly with water f present and easy to do. Continue rinsing. Get Do NOT induce vomiting. Never give anything mouth out with water. Get medical advice/attent s, both acute and delayed The most important known symptoms and effer 2.2) and/or in section 11. attention and special treatment needed Alcohol resistant foam. Carbon dioxide. Dry por appropriate for surrounding fire. stance or mixture Thermal decomposition generates: Carbon oxi In case of fire: Evacuate area. Wear gas tight chemically protective clothing in apparatus. For further information refer to sect Ures ipment and emergency procedures Evacuate unnecessary personnel. Ensure ade breathe gas, fumes, vapor or spray. 	Product identifier % (CAS No) 16369-05-4 <= 100

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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6.3. Methods	and material for containme	ent and cleaning up
For containment		: Stop leak if safe to do so. Dike for recovery or absorb with appropriate material.
Methods for cleanin	ng up	: Minimize generation of dust. 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	e to other sections	
No additional inform	nation available	
SECTION 7: Ha	andling and storage	
7.1. Precautio	ons 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, 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, includi	ng 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 temperature	: 2 - 8 °C Use explosion proof refrigerator
Storage area	: Store in dry, well-ventilated area. Keep contents under inert gas.

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 and	d chemical properties	
Physical state	: Solid	
Appearance	: Low melting solid.	
Color	: No data available	
Odor	: No data available	
Odor threshold	: No data available	
PH	: No data available	
Melting point	: 33 - 36 °C	
Freezing point	: No data available	
Boiling point	: 75 - 77 °C (@ 8 mm Hg)	
Flash point	: 91 °C	
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	
- / / /		

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Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Molecular mass	: 103.1628 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

SECT	ION 10: Stability and reactivity
10.1.	Reactivity
No add	itional information available
10.2.	Chemical stability
The pro	oduct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No add	itional information available
10.4.	Conditions to avoid
Keep a	way from heat, sparks and flame.
10.5.	Incompatible materials
Strong	acids. Strong oxidizing agents.
10.6.	Hazardous decomposition products
	normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of e Section 5.

1110, 000			
SECT	ION 11: Toxicological information		
11.1.	Information on toxicological effects		
	e e e e e e e e e e e e e e e e e e e		

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 add	litional information available
12.2.	Persistence and degradability
No add	litional information available
12.3.	Bioaccumulative potential
No add	litional 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 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 inform	ation
15.1. US Federal regulations	
All components of this product are listed, Substances Control Act (TSCA) inventor	or excluded from listing, on the United States Environmental Protection Agency Toxic
2-Amino-3-methylbutan-1-ol	CAS No 16369-05-4 100%

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

2-Amino-3-methylbutan-1-ol (16369-05-4) 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

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.