

4-(Phthalimid-1-yl)butanoic acid Safety Data Sheet 4H581T7 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 04/27/2016 Version: 1.0

1.1 Identification Product form Substance Substance name : 4/Phthalimid-1-ylbutanoic acid AS No : 3130-75-4 Product code : 4/158-11-7 Formula : C12H11N04 Symonyms : : : : : : : : : : : : : : : : : : :		
Product form I: Substance Substance name I: 4/Phthalimid-1/ylubutancic acid Substance name I: 4/Phthalimid-1/ylubutancic acid Product code I: 4/HS4-177 Formula I: 1/131/Phtha Synopma I: 4/1.3-Dhtphta/o-1.3-diaxo-2H-isoindol-2-yllubutancic acid Other means of identifications I: McDOD0196079 L3. Relevant identified uses of the substance or mixture and uses advised against L3. Details of the supplier of the safety data sheet Synopmas I: Laboratory chemicals Manufacture of substances Scientific research and development L3. Details of the supplier of the safety data sheet Synopmasitic Colon synopmasitic research and development Itaboratories, Inc. Colon Synopmasitic Colon synopmasitic research and development Itaboratories, Inc. Colon Synopmasitic Colon synopmasitic research and development Itaboratories, Inc. Colo	SECTION 1: Identification	
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Nachua, FL 32615 - United States of America (368) 462-7087 nfo@synquestlabs.com - www.synquestlabs.com 1.4. Energency telephone number Errergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture Classification (GHS-US) Skin Irit 2: H315 - Causes skin iritation STOT SE 3: H335 - May cause respiratory irritation STOT SE 3: H335 - May cause respiratory irritation Full text of H-phrases: see section 16 2.2. Label elements 3HS-US labeling Hazard pictograms (GHS-US) E-H335 - Causes skin irritation H335 - May cause respiratory irritation Parecautionary statements (GHS-US) P261 - Avoid breathing dust, mist, spray P264 - Wash skin throtoghy after handling P271 - Use only outdors or in a well-weliated area P280 - Wear protective gloves/protective cloves/protection/face protection P302+P325 - If in skin: Wash with perty of scap and water P304+P340 - II inhaled: Remove person to freat and keep comfortable for breathing P304-P340 - II inhaled: Remove person to freat irritation fraited for several induces. Remove contact lenses, If present and easy to do. Continue insing P314 - Specific treatment (see supplemental first ad instructions on this labe) P337+P313 - If skin initation occurs: Cest medical advice/attention P337+P313 - If skin initation cocurs: Cest medical advice/attention P337+P313 - If skin initiation cocurs: Cest medical advice/attention P337+P344 - Takke of constamin	SynQuest Laboratories, Inc.	
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Info@synquestlabs.com · www.synquestlabs.com 1.4. Emergency number Emergency number : (844) 523-4086 (3E Company - Account 10069) SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mixture Classification (GHS-US) Skin Init. 2 H315 - Causes skin irritation System 24 H319 - Causes serious eye irritation STOT SE 3 H335 - May cause respiratory irritation Full text of H-phrases: see section 16		ica
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	Classification (GHS-US) Skin Irrit. 2 H315 - Causes skin irritation Every Irrit. 2A H319 - Causes serious eye STOT SE 3 H335 - May cause respirator Full text of H-phrases: see section 16 1.2. Label elements SHS-US labeling Hazard pictograms (GHS-US) Fignal word (GHS-US) Hazard statements (GHS-US)	n irritation ny irritation irritation irritation irritation irritation irritation : : : : : : : : : : : : :

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

0.0 Others have a de			
2.3. Other hazards			
No additional information available 2.4. Unknown acute toxicity (GHS US)			
2.4. Unknown acute toxicity (GHS US) Not applicable			
SECTION 3: Composition/information of	on ingredients		
3.1. Substance	••		
Substance type :	Mono-constituent		
Name	Product identifier	%	Classification (GHS-US)
4-(Phthalimid-1-yl)butanoic acid (Main constituent)	(CAS No) 3130-75-4	<= 100	Skin Irrit. 2, H315 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			
First-aid measures general	In case of accident or if you feel unwell, seek where possible). Move the affected personnel		
First-aid measures after inhalation :	Remove person to fresh air and keep comfortarespiration. 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 :	Immediately flush eyes thoroughly with water present and easy to do. Continue rinsing. Get		
First-aid measures after ingestion :	Do NOT induce vomiting. Never give anything mouth out with water. Get medical advice/atte		unconscious person. Rinse
4.2. Most important symptoms and effects,	both acute and delayed		
Symptoms/injuries :	The most important known symptoms and efference 2.2) and/or in section 11.	ects are describe	ed in the labelling (see section
4.3. Indication of any immediate medical attention and special treatment needed			
Treat symptomatically.			
SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media :	Alcohol resistant foam. Carbon dioxide. Dry prappropriate for surrounding fire.	owder. Water sp	ray. Use extinguishing media
5.2. Special hazards arising from the subst	ance or mixture		
Fire hazard :	Thermal decomposition generates: Carbon ox	ides. Nitrogen o	xides.
5.3. Advice for firefighters			
0 0	In case of fire: Evacuate area.		
Protection during firefighting :	Wear gas tight chemically protective clothing i apparatus. For further information refer to sec		
SECTION 6: Accidental release measur	'es		
6.1. Personal precautions, protective equip			
	Evacuate unnecessary personnel. Ensure ade	equate air ventila	ation. Do not breathe dust.
6.4.4 For non-emergency personnel			
6.1.1. For non-emergency personnel Emergency procedures :			
6.1.2. For emergency responders			
Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".			ment. For further information
6.2. Environmental precautions	·		

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

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6.3. Methods and material for	. Methods and material for containment 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 section	ns			
No additional information available				
SECTION 7: Handling and st	torage			
7.1. Precautions for safe hand				
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			

	shoke when using this product. Aways wash hands alter handing 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

Physical state: SolidColor: No data availableOdor: No data availableOdor threshold: No data availablepH: No data availableMelting point: 119 - 121 °CFreezing point: No data availableBoiling point: No data availableFlash point: No data availableFlas	9.1. Information on basic physical a	ind chemical properties
Odor: No data availableOdor threshold: No data availablepH: No data availableMelting point: 119 - 121 °CFreezing point: No data availableBoiling point: No data availableBoiling point: No data availableFlash point: No data availableRelative evaporation rate (butyl acetate=1): No data availableFlammability (solid, gas): No data availableExplosion limits: No data availableExplosive properties: No data availableOxidizing properties: No data availableVapor pressure: No data availableRelative density: No data available	Physical state	: Solid
Odor threshold: No data availablepH: No data availableMelting point: 119 - 121 °CFreezing point: No data availableBoiling point: No data availableFlash point: No data availablePoint pressure: No data availableVapor pressure: No data availableFlative density: No data available	Color	: No data available
pH: No data availableMelting point: 119 - 121 °CFreezing point: No data availableBoiling point: No data availableFlash point: No data availableRelative evaporation rate (butyl acetate=1): No data availableFlammability (solid, gas): No data availableExplosion limits: No data availableExplosive properties: No data availableOxidizing properties: No data availableVapor pressure: No data availableRelative density: No data available	Odor	: No data available
Nelting point: 119 - 121 °CFreezing point: No data availableBoiling point: No data availableFlash point: No data availableFlash point: No data availableRelative evaporation rate (butyl acetate=1): No data availableFlammability (solid, gas): No data availableExplosion limits: No data availableExplosive properties: No data availableOxidizing properties: No data availableVapor pressure: No data availableRelative density: No data available	Odor threshold	: No data available
Freezing point:No data availableBoiling point:No data availableFlash point:No data availableFlash point:No data availableRelative evaporation rate (butyl acetate=1):No data availableFlammability (solid, gas):No data availableExplosion limits:No data availableExplosive properties:No data availableOxidizing properties:No data availableVapor pressure:No data availableRelative density:No data available	pH	: No data available
Boiling point:No data availableFlash point:No data availableRelative evaporation rate (butyl acetate=1):No data availableFlammability (solid, gas):No data availableExplosion limits:No data availableExplosive properties:No data availableOxidizing properties:No data availableVapor pressure:No data availableRelative density:No data available	Melting point	: 119 - 121 °C
Flash point: No data availableRelative evaporation rate (butyl acetate=1): No data availableFlammability (solid, gas): No data availableExplosion limits: No data availableExplosive properties: No data availableOxidizing properties: No data availableVapor pressure: No data availableRelative density: No data available	Freezing point	: No data available
Relative evaporation rate (butyl acetate=1): No data availableFlammability (solid, gas): No data availableExplosion limits: No data availableExplosive properties: No data availableOxidizing properties: No data availableVapor pressure: No data availableRelative density: No data available	Boiling point	: No data available
Flammability (solid, gas): No data availableExplosion limits: No data availableExplosive properties: No data availableOxidizing properties: No data availableVapor pressure: No data availableRelative density: No data available	Flash point	: No data available
Explosion limits:No data availableExplosive properties:No data availableOxidizing properties:No data availableVapor pressure:No data availableRelative density:No data available	Relative evaporation rate (butyl acetate=1)	: No data available
Explosive properties: No data availableOxidizing properties: No data availableVapor pressure: No data availableRelative density: No data available	Flammability (solid, gas)	: No data available
Oxidizing properties: No data availableVapor pressure: No data availableRelative density: No data available	Explosion limits	: No data available
Vapor pressure : No data available Relative density : No data available	Explosive properties	: No data available
Relative density : No data available	Oxidizing properties	: No data available
	Vapor pressure	: No data available
Relative vapor density at 20 °C : No data available	Relative density	: No data available
	Relative vapor density at 20 °C	: No data available
Molecular mass : 233.22 g/mol	Molecular mass	: 233.22 g/mol

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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 addi	tional information available
10.2.	Chemical stability
The pro	duct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No addi	tional information available
10.4.	Conditions to avoid
Keep av	way from heat, sparks and flame.
10.5.	Incompatible materials
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.
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	CION 42: Ecological informati		
SEC	FION 12: Ecological informat	ION	
12.1.	Toxicity		
No add	ditional information available		
12.2.	Persistence and degradability		
No add	ditional information available		
12.3.	Bioaccumulative potential		
No add	ditional information available		
12.4.	Mobility in soil		
No add	ditional information available		
12.5.	Other adverse effects		
No add	ditional information available		
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SECTION 13: Disposal considerati	one
13.1. Waste treatment methods Waste treatment methods Waste disposal recommendations Additional information Mathematical States	 Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber. Dispose of contents/container in accordance with licensed collector's sorting instructions. Recycle the material as far as possible.
SECTION 14: Transport informatio	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 informati	on
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:		
4-(Phthalimid-1-yl)butanoic acid	CAS No 3130-75-4	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:

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

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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.