tert-Butyl N-[1-(pyrazin-2-yl)azetidin-3-yl]carbamate, PK01609E-1, 2023/5/8



Date of issue: 2023/5/8 Date of revision: -

Safety Data Sheet

 Identification of the substance/mixture and of the company/undertaking Product identifier: Product name: tert-Butyl N-[1-(pyrazin-2-yl)azetidin-3-yl]carbamate Product code (SDS NO): PK01609E-1 Relevant identified uses of the substance or mixture and uses advised against Research and Development Details of the supplier of the safety data sheet Manufacturer/Supplier: KISHIDA CHEMICAL CO., LTD. Address: 3-1, Honmachibashi, Chuo-ku,Osaka ,JAPAN Division: Chemical Safety Management Department Telephone number: +81-6-6946-8061 FAX: +81-6-6946-1607

2. Hazards identification

GHS classification and label elements of the product Classification of the substance or mixture (Note) GHS classification without description: Not classified/Classification not possible

Label elements No GHS label element No Signal word

3. Composition/information on ingredients

Mixture/Substance selection: Substance Ingredient name: tert-Butyl N-[1-(pyrazin-2-yl)azetidin-3-yl]carbamate Content (%): -Chemical formula: C12H18N4O2 CAS No.: 1389313-26-1 MW: 250.3

4. First-aid measures

Descriptions of first-aid measures

IF INHALED

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair)

Take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation or rash occurs: Get medical advice/attention.

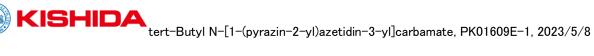
IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED

Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.



5. Fire-fighting measures	
Extinguishing media	
Suitable extinguishing	(media
	extinguishing media suitable for surrounding facilities.
	guishing media data is not available.
Advice for firefighters	
Specific fire-fighting	measures
Evacuate non-es	ssential personnel to safe area.
Special protective eq	uipment and precautions for fire-fighters
Wear fire/flame i	resistant/retardant clothing.
Wear protective	gloves/protective clothing/eye protection/face protection.
Firefighters shou	Id wear self-contained breathing apparatus with full face peace operated
positive pressure	e mode.
6. Accidental release meas	sures
Personnel precautions,	protective equipment and emergency procedures
Ventilate area ur	ntil material pick up is complete.
Wear proper prot	tective equipment.
Environmental precaution	ons
Prevent spills fro	om entering sewers, watercourses or low areas.
	for containment and cleaning up
	in a bag and hold for waste disposal.
Preventive measures fo	r secondary accident
Collect spillage.	
7 Uandling and storage	
Precautions for safe ha	ndling
Precautions for safe has Preventive measures	
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8. Exposure controls/personal protection

Exposure controls

Appropriate engineering controls

Do not use in areas without adequate ventilation.



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Eye wash station should be available. Washing facilities should be available. Individual protection measures Respiratory protection Wear respiratory protection. Hand protection Wear protective gloves. Eye protection Wear eye/face protection.

9. Physical and Chemical Properties

Information on basic physical and chemical properties Physical state, Color: white solid. Odor is not available. Melting point/Freezing point data is not available. Boiling point or initial boiling point data is not available. Boiling range data is not available. Flammability (gases, liquids and solids) data is not available. Lower and upper explosion limit/flammability limit data is not available. Flash point data is not available. Auto-ignition temperature data is not available. Decomposition temperature data is not available. pH data is not available. Kinematic viscosity data is not available. Solubility: Solubility in water data is not available. n-Octanol/water partition coefficient data is not available. Vapor pressure data is not available. Density and/or relative density data is not available. Relative vapor density (Air=1) data is not available. No Particle characteristics data is not available.

10. Stability and Reactivity Reactivity N.A. Chemical stability Stable under normal storage/handling conditions. Possibility of hazardous reactions N.A. Conditions to avoid Contact with incompatible materials. Contact with fire source. Incompatible materials Strong oxidizing agents Hazardous decomposition products Carbon oxides, Nitrogen oxides

Toxicological Information
 Information on toxicological effects
 Acute toxicity data is not available.
 Irritant properties
 Skin corrosion/irritation data is not available.



Serious eye damage/irritation data is not available. Allergenic and sensitizing effects data is not available. Mutagenic effects data is not available. Carcinogenic effects data is not available. Reproductive toxicity data is not available. STOT

STOT-single exposure data is not available. STOT-repeated exposure data is not available. Aspiration hazard data is not available.

12. Ecological Information
Ecotoxicity
Ecotoxicity data is not available.
Persistence and degradability
Persistence and degradability data is not available.
Bioaccumulative potential
Bioaccumulative potential data is not available.
Mobility in soil
Mobility in soil data is not available.
Other adverse effects
Ozone depleting chemical data is not available.
13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging Waste treatment methods Dispose of contents/container in accordance with local/national regulation.

14. Transport Information

Not applicable to UN No., UN CLASS
Not applicable to IMDG Code
Not applicable to IATA Dangerous Goods Regulations
Environmental hazards
MARPOL Annex III - Prevention of pollution by harmful substances
Marine pollutants (yes/no) : no

15. Regulatory Information

Other regulatory information Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

16. Other information

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, UN Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN IMDG Code, 2018 Edition (Incorporating Amendment 39–18) IATA Dangerous Goods Regulations (62th Edition) 2021 2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT) 2021 TLVs and BEIs. (ACGIH)



Supplier's data/information

General Disclaimer

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

The GHS classification data given here is based on current Japan official data (NITE published in 2020).