4–[3–Fluoro–4–(4,4,5,5–tetramethyl–1,3,2–dioxaborolan–2–yl)phenyl]morpholine,

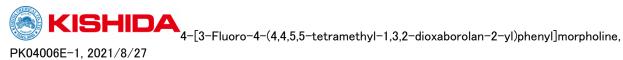


Date of issue: 2021/8/27 Date of revision: -

Safety Data Sheet

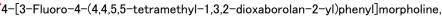
1. Identification of the substance/mixture and of the company/undertaking

Product identifier: Product name: 4-[3-Fluoro-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]morpholine Product code (SDS NO): PK04006E-1 Details of the supplier of the safety data sheet Manufacturer/Supplier: KISHIDA CHEMICAL CO., LTD. Address: 3-1, Honmachibashi, Chuo-ku,Osaka ,JAPAN Division: Safety Management Dept. of Chemicals Telephone number: +81-6-6946-8061 FAX: +81-6-6946-1607 e-mail address: kagakuhinanzenkanri@kishida.co.jp 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: 4-[3-Fluoro-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)phenyl]morpholine Content (%): 95(min) Chemical formula: C16H23BFNO3 CAS No.: 1883760-17-5 MW: 307.17 Note : The figures shown above are not the specifications of the product. 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 m	easures
Extinguishing m	edia
Suitable exti	nguishing media
Use app	ropriate extinguishing media suitable for surrounding facilities.
Unsuital	ole extinguishing media data is not available.
Advice for firef	ghters
Specific fire-	- fighting measures
	e non-essential personnel to safe area.
	ctive equipment and precautions for fire-fighters
	e/flame resistant/retardant clothing.
	otective gloves/protective clothing/eye protection/face protection.
-	ers should wear self-contained breathing apparatus with full face peace operated
-	pressure mode.
6. Accidental rele	
	autions, protective equipment and emergency procedures
	e area until material pick up is complete.
	oper protective equipment.
Environmental	precautions
	spills from entering sewers, watercourses or low areas.
Methods and m	aterials for containment and cleaning up
Methods and m Sweep ເ	aterials for containment and cleaning up Ip, place in a bag and hold for waste disposal.
Methods and m Sweep ເ	aterials for containment and cleaning up
Methods and m Sweep ເ	aterials for containment and cleaning up up, place in a bag and hold for waste disposal. Isures for secondary accident
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Methods and m Sweep u Preventive mea Collect	aterials for containment and cleaning up up, place in a bag and hold for waste disposal. usures for secondary accident spillage.
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Methods and m Sweep to Preventive mea Collect 7. Handling and st Precautions for	aterials for containment and cleaning up up, place in a bag and hold for waste disposal. usures for secondary accident spillage. orage safe handling
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Methods and m Sweep u Preventive mea Collect 7. Handling and st Precautions for Preventive m (Protective Keep aw (Exhaust/ Exhaust (Safety tre Avoid co Safety Measu Wear pr When us Any incompa See "10 Storage Keep co	aterials for containment and cleaning up up, place in a bag and hold for waste disposal. usures for secondary accident spillage. orage safe handling neasures a measures against fire and explosion) vay from heat/sparks/open flames/hot surfaces. – No smoking. ventilator) /ventilator should be available. satments) ontact with skin. ontact with skin. ontact with eyes. ures otective gloves, protective clothing or face protection. sing do not eat, drink or smoke. tibilities .Stability and Reactivity"
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8. Exposure controls/personal protection Exposure controls Appropriate engineering controls



4-[3-Fluoro-4-(4,4,5,5-tetra PK04006E-1, 2021/8/27 Do not use in areas without adequate ventilation. Eye wash station should be available. Washing facilities should be available.

KISHIDA

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 Form boron compounds by pyrolysis. Conditions to avoid Contact with incompatible materials. Contact with incompatible materials. Contact with fire source. Incompatible materials Strong oxidizing agents Hazardous decomposition products

Carbon oxides, Nitrogen oxides, Fluorine, Hydrogen fluoride, Boron compounds

 Toxicological Information Information on toxicological effects Acute toxicity data is not available.



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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, (6th ed., 2015), UN Recommendations on the TRANSPORT OF DANGEROUS GOODS 20th edit., 2017 UN IMDG Code, 2018 Edition (Incorporating Amendment 39–18)



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IATA Dangerous Goods Regulations (61th Edition) 2020 Classification, labelling and packaging of substances and mixtures (Table 3 ECNO6182012) 2016 EMERGENCY RESPONSE GUIDEBOOK (US DOT) 2020 TLVs and BEIs. (ACGIH) http://monographs.iarc.fr/ENG/Classification/index.php 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 2018).