Date of issue: 2016/12/19
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Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking
   Product identifier:
   　Product name: 2-(Oxetan-3-yloxy)benzenamine
   　Product code (SDS NO): PK01188E-2
   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
   　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: 2-(Oxetan-3-yloxy)benzenamine
   　　Content (%): -
   　　Chemical formula: C9H11NO2
   　　CAS No.: 1349717-13-0
   　　MW: 165.19

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.
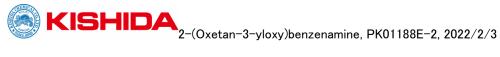   　IF IN EYES
   　　Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy
   　　to do. Continue rinsing.
   　　If eye irritation persists: Get medical advice/attention.
   　IF SWALLOWED
   　　Rinse mouth.
   　　Call a POISON CENTER or doctor/physician if you feel unwell.

5. Fire-fighting measures
Extinguishing media
   Suitable extinguishing media
      Use appropriate extinguishing media suitable for surrounding facilities.
      Unsuitable extinguishing media data is not available.
Advice for firefighters
   Specific fire-fighting measures
      Evacuate non-essential personnel to safe area.
   Special protective equipment and precautions for fire-fighters
      Wear fire/flame resistant/retardant clothing.
      Wear protective gloves/protective clothing/eye protection/face protection.
      Firefighters should wear self-contained breathing apparatus with full face peace operated positive pressure mode.

6. Accidental release measures
Personnel precautions, protective equipment and emergency procedures
      Ventilate area until material pick up is complete.
      Wear proper protective equipment.
Environmental precautions
      Prevent spills from entering sewers, watercourses or low areas.
Methods and materials for containment and cleaning up
      Sweep up, place in a bag and hold for waste disposal.
Preventive measures for secondary accident
      Collect spillage.

7. Handling and storage
Precautions for safe handling
   Preventive measures
      (Protective measures against fire and explosion)
      Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
      (Exhaust/ventilator)
      Exhaust/ventilator should be available.
      (Safety treatments)
      Avoid contact with skin.
      Avoid contact with eyes.
   Safety Measures
      Wear protective gloves, protective clothing or face protection.
      When using do not eat, drink or smoke.
   Any incompatibilities
      See "10.Stability and Reactivity"
Storage
      Keep container tightly closed.
      Store in a cool, dry place. Do not store in direct sunlight.
Container and packaging materials for safe handling
      Glass.

8. Exposure controls/personal protection
Exposure controls
   Appropriate engineering controls
      Do not use in areas without adequate ventilation.
      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: light brown 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

11. 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, (6th ed., 2015), UN
      Recommendations on the TRANSPORT OF DANGEROUS GOODS 20th edit., 2017 UN
      IMDG Code, 2018 Edition (Incorporating Amendment 39-18)
      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)

2-(Oxetan-3-yloxy)benzenamine, PK01188E-2, 2022/2/3

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).