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Safety Data Sheet

1. Product and company identification

Product name	:	1-Allyl-3-methylimidazolium bromide
Name of manufacturer	:	KANTO CHEMICAL CO., INC.
Address	:	2-1, Nihonbashi, Muromachi 2-Chome, Chuo-Ku, Tokyo, 103-0022, Japan
Name of section	:	Reagent division, catalog and products information section
Telephone number	:	+81-3-6214-1090
Facsimile number	:	+81-3-3241-1047
Mail address	:	BC32@gms.kanto.co.jp
SDS No.	:	01986

2. Summary of danger and Hazard

GHS classification

Physical and chemical hazard

Flammable solids	:	Out of category
Pyrophoric solids	:	Out of category

3. Composition/Information on ingredients

Substance/Mixture	:	Substance
Chemical name or commercial name	:	1-Allyl-3-methylimidazolium bromide
Ingredients and composition	:	1-Allyl-3-methylimidazolium bromide min.97%
Chemical formula	:	C7H11BrN2
CAS No.	:	31410-07-8
TSCA Inventory	:	Not registered
EINECS No.	:	6272509

4. First aid measures

Inhalation	:	Remove the victim to fresh air, and make him blow his nose and gargle. If necessary, get medical treatment.
Skin contact	:	Wash the affected areas under running water.
Eye contact	:	Wash the affected areas under running water for at least 15 minutes. Get medical treatment.
Ingestion	:	Give the victim water or salt water and make him vomit. Get medical attention.

5. Fire fighting measures

Extinguishing media	:	Water, dry chemical powder, carbon dioxide, dry sand, foam
Prohibited extinguishing media	:	None

Particular fire fighting : Move containers from fire area if it can be done without risk, if not possible, apply water from a safe distance to cool and protect surrounding area.

Protection for firefighters
: Firefighters should wear protective equipment.

6. Accidental release measures

Cautions for personnel : Wear proper protective equipment and avoid contact with skin or inhalation of dust.

Cautions for environment : Attention should be given to avoid discharge of spilled product into rivers and resulting environmental damage. When diluting spill with large amounts of water, discharge of untreated wastewater into the environment must be avoided.

Removal measure : Sweep up in a chemical waste container. Flush contaminated area with copious amounts of water.

7. Cautions of handling and storage

Handling

Engineering measures : Wear appropriate protective equipment to avoid contact with skin or inhalation of dust.

Cautions for safety handling
: Use in well-ventilated areas.

Cautions : Do not allow contact with oxidizing substances.

Storage

Adequate storage condition
: Store in a dark, cool place and tightly closed.

Safety adequate container materials
: Glass

8. Exposure control/Personal protection

Engineering measures : Use with an enclosed system or a local exhaust ventilation.

9. Physical and chemical properties

Appearance	:	Solid
Color	:	White
Odor	:	Odorless
Boiling point	:	Decomposition(264℃)
Melting point	:	58.7℃
Flash point	:	Not available
Density	:	Not available
Solubility		
Solubility in solvents	:	Water ; Soluble
		Organic solvents ; Soluble in ethanol, acetonitrile, dichloromethane

10. Stability and reactivity

Stability	:	Stable under normal conditions.
Reactivity	:	May react with oxidizing substances.
Incompatible conditions	:	Light, heat

Incompatible materials : Oxidizing substances

Hazardous decomposition products
: Carbon monoxide, Nitrogen oxide, Bromine, Hydrogen bromide

11. Toxicological information

Acute toxicity : Oral : Not possible to classify because of insufficient data.
Dermal : Not possible to classify because of insufficient data.
Inhalation(vapor) : Not possible to classify because of insufficient data.
Inhalation(dust, mist) : Not possible to classify because of insufficient data.
Inhalation of dust may cause irritation to nose, throat, and airway.

Skin corrosion/irritation : Not possible to classify because of insufficient data.

Serious eye damage/eye irritation
: Not possible to classify because of insufficient data.

Respiratory sensitization or Skin sensitization
: Respiratory sensitization : Not possible to classify because of insufficient data.
Skin sensitization : Not possible to classify because of insufficient data.

Mutagenicity : Not possible to classify because of insufficient data.

Carcinogenic effects : Not possible to classify because of insufficient data

Effects on the reproductive system
: Not possible to classify because of insufficient data.

Specific target organ systemic toxicity single exposure
: Not possible to classify because of insufficient data.

Specific target organ systemic toxicity repeated exposure
: Not possible to classify because of insufficient data.

Aspiration hazard : Not possible to classify because of insufficient data.

12. Ecological information

Ecotoxicity

Fish toxicity : Acute aquatic toxicity : Not possible to classify because of insufficient data.
Chronic aquatic toxicity : Not possible to classify because of insufficient data.

Persistence and degradability
: Not available

Bioaccumulative potential : Not available

Mobility in soil : Not available

13. Disposal consideration

Residual disposal : Mixed with flammable organic solvents and burn in a chemical incinerator equipped with an afterburner and a scrubber. Or entrust approved waste disposal companies with the disposal.

<Note> : Alkaline solution should be used for cleaning liquid of the scrubber.

The incinerator should be suitable for burning organic halogen compounds.

Containers : In case of disposal of empty bottles, dispose bottles after removing the content thoroughly.

14. Transport information

UN class : It is not regulated under UN regulations.

15. Regulatory information

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

16. Other information

References : Handbook of Poisonous and Deleterious substances, revised and enlarged edition, Yakumu Kohosa(2000)

The information contained herein is based on several references and the present state of our knowledge. However the SDS does not always cover all information about the product, handle the product carefully.The information is intended to ordinary usage, in case of particular handlings, conduct appropriate safety measurements.The information herein is only provision of information, and it does not represent a guarantee the properties of the product.The Safety Data Sheet(SDS) is prepared based on JIS Z7253, and it has the same required elements on the Material Safety Data Sheet(MSDS) which is prepared based on JIS Z7250:2010.