Date of issue : 28 September,2006
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Safety Data Sheet

1. Product and company identification

Product name	:	1,3-Diallylimidazolium bis(trifluoromethanesulfonyl)imide
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.	:	11477

2. Summary of danger and Hazard

GHS classification

Physical and chemical hazard

Flammable liquids	:	Out of category
Pyrophoric liquids	:	Out of category

3. Composition/Information on ingredients

Substance/Mixture	:	Substance
Chemical name or commercial name	:	1,3-Diallylimidazolium bis(trifluoromethanesulfonyl)imide
Ingredients and composition	:	1,3-Diallylimidazolium bis(trifluoromethanesulfonyl)imide min. 97%
Chemical formula	:	C11H13F6N3O4S2
CAS No.	:	803732-17-4
TSCA Inventory	:	Not registered
EINECS No.	:	-

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	:	Dry chemical powder, carbon dioxide, dry sand, foam
Prohibited extinguishing media	:	Water spray

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 and inhalation of vapor. Keep away personnel and perform the operation at upwind area.

Cautions for environment : Attention should be given not to cause damage to the environment by flowing of spillage to rivers. In case of the dilution of copious water, do not cause damage to the environment by untreated wastewater.

Removal measure : Absorb spill with inert material (e.g., diatomaceous earth, sand) and flush residual area with copious amounts of water.

7. Cautions of handling and storage

Handling

Engineering measures : Wear proper protective equipment not to contact with skin or inhale the vapor.

Cautions for safety handling
: Handle at a well ventilated place.

Cautions : Do not contact with oxidizing substances.

Storage

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

Safety adequate container materials
: Glass, polyethylene, polypropylene

8. Exposure control/Personal protection

Engineering measures : Use only with adequate ventilation and in closed systems.

Control parameters

ACGIH(2009) : Not established

Protective equipment

Respiration protective equipment
: If necessary, wear a chemical cartridge respirator.

Hands protective equipment
: Impervious protective gloves

Eyes protective equipment
: Safety goggles

9. Physical and chemical properties

Appearance : Liquid

Color : Yellow

Odor : Odorless

Boiling point : Not available

Melting point : -91.6℃

Flash point	:	Not available
Specific gravity	:	1.433g/ml(20℃)
Solubility		
Solubility in solvents	:	Water ; Insoluble
		Organic solvents ; Soluble in methanol, ethanol, acetone, acetonitril,
Other data	:	Viscosity : 31cP(30℃)
		Electric conductivity : 2.63S/cm(120℃)

10. Stability and reactivity

Stability	:	Stable under normal usage.
Reactivity	:	May react with oxidizing substances.
Incompatible conditions	:	Light, heat
Incompatible materials	:	Oxidizing substances
Hazardous decomposition products		
	:	Carbon monoxide, Nitrogen oxide, Sulfur oxide, Fluoride

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.
Skin corrosiveness	:	Not possible to classify because of insufficient data.
Irritation to skin, eyes	:	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.
		If inhaled the vapor, irritation to nose, and throat. However it is not possible to classify because of insufficient date.
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.

Rediualbility and degradability : Not available

Ecorediualbility : Not available

Mobility : 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.

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 : Encyclopaedia Chemica, Kyoritsu Shuppan Co., Ltd.(1963)

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.