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Safety Data Sheet

1. Product and company identification

Product name	:	Potassium acetate
Name of manufacturer	:	KANTO CHEMICAL CO., INC.
Address	:	2-1, Nihonbashi, Muromachi 2-Chome, Chuo-Ku, Tokyo, 103-0022, Japan
Name of section	:	Business Administration Department, Reagent Division
Telephone number	:	+81-3-6214-1090
Facsimile number	:	+81-3-3241-1047
Mail address	:	BC32@kanto.co.jp
SDS No.	:	32299
Product numbers applied by the SDS	:	32877, 32299

2. Summary of danger and Hazard

GHS classification

Human health hazard

Serious eye damage・Eye irritation : Category 2B

Signal word : Warning

Hazard statement : Causes eye irritation

Cautions

First-aid measures : If in eyes : Rinse cautiously with water for several minutes. Get medical treatment.
Wash hands thoroughly after handling.

3. Composition/Information on ingredients

Substance/Mixture	:	Substance
Chemical name or commercial name	:	Potassium acetate
Ingredients and composition	:	Potassium acetate min. 92.0%
Chemical formula	:	CH_3COOK
CAS No.	:	127-08-2
TSCA Inventory	:	Registered
EINECS No.	:	2048222

4. First aid measures

Inhalation	:	Remove the victim to fresh air, and make him blow his nose and gargle.
Skin contact	:	Wash the affected areas under running water.
Eye contact	:	Wash the affected areas under running water.
Ingestion	:	Give the victim water or salt water and induce vomiting. If necessary, 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 equipment and avoid contact with skin and inhalation of dust. Keep away personnel except for authorized ones from spillage area by stretching ropes.

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

7. Cautions of handling and storage

Handling

Engineering measures : If necessary, wear proper protective equipment not to contact with skin or inhale the dust.

Cautions for safety handling
: Handle the chemical not to generate aerosol or dust.

Storage

Adequate storage condition
: Store the bottle tightly closed in a cool, dark place because the substance has hygroscopic property.

Safety adequate container materials
: Glass, polyethylene, polypropylene

8. Exposure control/Personal protection

Engineering measures : Install a local ventilation system under dusty condition.

Control parameters

ACGIH(2009) : Not established

Protective equipment

Respiration protective equipment
: If necessary, wear dust mask

Hands protective equipment
: Impervious protective gloves

Eyes protective equipment
: Safety goggles

9. Physical and chemical properties

Appearance : Pellet or powder

Color : White

Odor : Odorless

pH : 7.5-9.0(50g/L, 25℃)

Boiling point : Decomposition
Melting point : 292℃
Specific gravity : 1.57g/mL(20℃)
Solubility
Solubility in solvents : Water ; 71.9%(20℃)
Organic solvents ; Soluble in ethanol, insoluble in diethyl ether.

10. Stability and reactivity

Stability : The dust-air mixture may explode.
Reactivity : May react with oxidizing substances.
Incompatible conditions : Light, heat
Incompatible materials : Oxidizing substances

11. Toxicological information

Acute toxicity : Oral : No classification
Dermal : Classification not possible
Inhalation(vapor) : Classification not possible
Inhalation(dust, mist) : Classification not possible
rat oral LD50=3250mg/kg
Skin corrosiveness : No classification
No irritation to rabbit skin.
Irritation to skin, eyes : Causes eye irritation(category 2B)
Slight irritation of rabbit eyes.
Respiratory sensitization or Skin sensitization
: Respiratory sensitization : Classification not possible
Skin sensitization : Classification not possible
Germ cell mutagenicity :
Carcinogenicity :
Reproductive toxicity : Classification not possible
STOT-single exposure : Classification not possible
If swallowed, may cause nausea, or vomiting. However, classification is not possible in the absence of data on the severity of the effects.
STOT-repeated exposure :
Aspiration hazard : Classification not possible

12. Ecological information

Ecotoxicity
Fish toxicity : Acute aquatic toxicity : No classification
Chronic aquatic toxicity :
Fish(Oncorhynchus mykiss)
Rediualbility and degradability
: Not available
Bioaccumulative potential
Mobility in soil : Not available
Hazardous to the ozone layer

13. Disposal consideration

Residual disposal	:	Dissolve the chemical in a large amount of water and flush in a drain after neutralizing. 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)

Dangerous Properties of Industrial Materials,6th ed. N.I.Sax Van Nostrand Reinhold Company(1984)

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.