

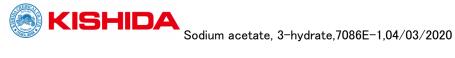
Date of issue: 04/03/2020

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking
Product identifier:
Product name: Sodium acetate, 3-hydrate
SDS No. : 7086E-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
HEALTH HAZARDS
Serious eye damage/eye irritation: Category 2B
(Note) GHS classification without description: Not classified/Classification not possible
Label elements
No GHS label element
Signal word: Warning
HAZARD STATEMENT
Causes eye irritation
PRECAUTIONARY STATEMENT
Prevention
Wash contaminated parts thoroughly after handling.
Response
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.

3. Composition/information on ingredients

Mixture/Substance selection: Substance Ingredient name:Sodium acetate, 3-hydrate Content (%):98(min) Chemical formula:CH3COONa - 3H2O Chemicals No, Japan:2-692 CAS No.:6131-90-4 MW:136.08 Note : The figures shown above are not the specifications of the product.



4. Firs	-aid measures
Des	escriptions of first-aid measures
I	F 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
I	
I	
	to do. Continue rinsing.
	If eye irritation persists: Get medical advice/attention.
I	IF SWALLOWED
	Rinse mouth.
	Call a POISON CENTER or doctor/physician if you feel unwell.
	-fighting measures
	nguishing media
S	uitable extinguishing media
	Use appropriate extinguishing media suitable for surrounding facilities.
	Unsuitable extinguishing media data is not available.
Spe	cific hazards arising from the substance or mixture
	Containers may explode when heated.
	Fire may produce irritating, corrosive and/or toxic gases.
	ice for firefighters
S	pecific fire-fighting measures
	Evacuate non-essential personnel to safe area.
S	pecial 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. Acc	idental release measures
Per	sonnel precautions, protective equipment and emergency procedures
	Ventilate area until material pick up is complete.
	Wear proper protective equipment.
Env	ironmental precautions
	Prevent spills from entering sewers, watercourses or low areas.
	Avoid raising duct

Avoid raising dust.

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" Advice on general occupational hygiene Wash contaminated parts thoroughly after handling. Storage Conditions for safe 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 Polyethylene

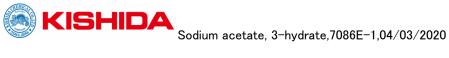
8. Exposure controls/personal protection

Control parameters
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.
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: Crystals to crystalline powder Color: White Odor: Slightly pungent odor pH: 7.5-9.0(50g/L,25°C) Boiling point or initial boiling point data is not available. Boiling range data is not available. Melting point/Freezing point: 58°C Decomposition temperature data is not available. Flammability (gases, liquids and solids) data is not available. Flash point: (Sodium acetate, 3-hydrate)300°C Auto-ignition temperature data is not available. Lower and upper explosion limit/flammability limit data is not available. Relative vapor density (Air=1) data is not available.

Density and/or relative density: 1.45



Kinematic viscosity data is not available. Solubility: Solubility in water: Easily soluble n-Octanol/water partition coefficient data is not available. No Particle characteristics data is not available.

10. Stability and Reactivity
Reactivity
Not available.
Chemical stability
Efflorescent substance.
Possibility of hazardous reactions
(As Sodium acetate, anhydrous)
Decomposes on heating and on contact with strong acids. This produces acetic acid fumes.
Reacts violently with strong oxidants. The solution in water is a weak base. (ICSC 0565)
Conditions to avoid
Contact with incompatible materials.
Contact with fire source.
Incompatible materials
Strong acids, Strong oxidizing agents
Hazardous decomposition products
Acetic acid fumes
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
[Company proprietary data]
(Sodium acetate, 3-hydrate)
Category 2B
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.
Additional data
May cause lung disorders by massive inhalation of powdered substance.
-e.g. fibrosis of lung tissue, cough, sputum, breath shortness, dyspnea, decline of lung
function, interstitial lung disease, pneumothorax

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 contactor (contained in considerate with local (notional regulation)

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

Safety, health and environmental regulations/legislation specific for the substance or mixture US major regulations

Chemicals listed in TSCA Inventory

Sodium acetate, 3-hydrate

Other regulatory information

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

16. Other information

GHS classification and labelling

Eye Irrit. 2B: H320 Causes eye irritation

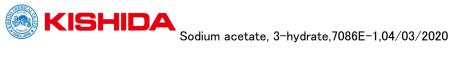
Reference Book

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 (60th Edition) 2019 Classification, labelling and packaging of substances and mixtures (table3–1 ECNO6182012) 2016 EMERGENCY RESPONSE GUIDEBOOK (US DOT) 2019 TLVs and BEIs. (ACGIH) http://monographs.iarc.fr/ENG/Classification/index.php Supplier's data/information Disclaimer

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).