

Product name:
SANISOL B-50

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

Product name:
SANISOL B-50

Product No.: B0002731

Recommended use of the chemical and restrictions on use

Recommended use: Not known.

Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name: Kao Corporation
Address: 1-3,Bunka 2-chome,Sumida-ku,Tokyo 131-8501 Japan
Telephone: +81-3-5630-7700
Fax: +81-3-5630-7889
Contact division: Chemical Business
E-mail: chemical@kao.co.jp

Emergency telephone number: 81-3-5630-7700

2. Hazard(s) identification

GHS classification

Physical Hazards

Corrosive to metal Category 1

Health Hazards

Acute toxicity (Oral) Category 4

Skin Corrosion/Irritation Category 1

Serious Eye Damage/Eye Irritation Category 1

Unknown toxicity - Health

Acute toxicity, inhalation, dust or mist 50.8 %

Environmental Hazards

Acute hazards to the aquatic environment Category 1

Chronic hazards to the aquatic environment Category 1

Unknown toxicity - Environment

Acute hazards to the aquatic environment 0 %

Chronic hazards to the aquatic environment 0 %

Product name:
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Label Elements

Pictograms:



Signal Word:

Danger

Hazard Statement:

May be corrosive to metals.
 Harmful if swallowed.
 Causes severe skin burns and eye damage.
 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

Keep only in original packaging. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. This product may form gel totally or partially according to the storage conditions. In that case, please warm-up , then use as homogeneous liquid.

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/ physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor. Absorb spillage to prevent material damage.

Storage:

Store in corrosive resistant container with a resistant inner liner. Store locked up.

Disposal:

Passed to a licensed waste contractor.

Other hazards which do not result in GHS classification:

None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
苯扎氯铵 Alkyl(C12-16)benzyl dimethyl ammonium chlorides	-	68424-85-1	50 - 55%

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4. First-aid measures

Description of first aid measures

Inhalation:	Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
Skin Contact:	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER/doctor if you feel unwell. Wash contaminated clothing before reuse.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.
Personal Protection for First-aid Responders:	No data available.

Most important symptoms and effects, both acute and delayed

Symptoms:	No data available.
Hazards:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment:	Get medical attention if symptoms occur.
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5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Powder, alcohol-resistant foam, water spray, carbon dioxide, sand
Unsuitable extinguishing media:	No data available.
Special hazards arising from the substance or mixture:	Produce irritating or toxic gases in a fire.

Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures:	Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible. Do not flow the materials causing adverse effects into the environment with effluent fire extinguishing agents. Product itself is non-combustible.
Special protective equipment for fire-fighters:	Use goggles in combination with dust mask, and other protections as appropriate to situation. Risk of producing harmful gases such as carbon monoxide and phosgene. Avoid inhalation of smoke or gases.

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.
Accidental release measures:	Risk of slipping. Spilled material forms slippery floor.
Methods and material for containment and cleaning up:	Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.
Environmental Precautions:	Avoid release to the environment.

7. Handling and storage

Handling

Technical measures:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Iron is apt to rust. Plant equipment should be treated with rust-resist.
Local/Total ventilation:	Use an adequate ventilation.
Safe handling advice:	Avoid contact with skin and eyes. This product may form gel totally or partially according to the storage conditions. In that case, please warm-up , then use as homogeneous liquid. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using the product.
Contact avoidance measures:	No data available.

Storage

Safe storage conditions:	Store in corrosive resistant container with a resistant inner liner. Store locked up.
Safe packaging materials:	No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Engineering measures:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation. Iron is apt to rust. Plant equipment should be treated with rust-resist.
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Individual protection measures, such as personal protective equipment

Eye/face protection:	Safety goggles or Face shield
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Hand Protection:	Material: Rubber gloves
Skin and Body Protection:	Full-body suit
Respiratory Protection:	Use chemical cartridge respirator for alkalines, as appropriate to situation.
Hygiene measures:	No data available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:	Liquid
Form:	Liquid
Color:	Colorless clear
Odor:	Slight characteristic odor
Odor Threshold:	No data available.
Freezing point:	-4.5 °C/23.9 °F
Boiling Point:	102 °C/216 °F
Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point:	No data available.
Auto-ignition temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	7.8(Undiluted solution)

Viscosity

Dynamic viscosity:	137 mPa.s at 25 °C/77 °F
Kinematic viscosity:	No data available.
Flow Time:	No data available.

Solubility(ies)

Solubility in Water:	Soluble
Solubility (other):	Soluble in ethyl alcohol Soluble in isopropyl alcohol

Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	0.989 g/ml at 20 °C/68 °F 0.983 g/ml at 30 °C/86 °F
Relative vapor density:	No data available.

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Particle characteristics

Particle Size: No data available.
Particle Size Distribution: No data available.

10. Stability and reactivity

Reactivity: No data available.
Chemical Stability: Stable in general.
Possibility of hazardous reactions: Has no self-reactivity.
Conditions to avoid: No data available.
Incompatible Materials: No data available.
Hazardous Decomposition Products: No data available.

11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral Product: LD 50 (Mouse, Male): 500 mg/kg (Data on active component)
Dermal Product: ATEmix 5,374 mg/kg
Inhalation Product: Dust and mist: Classification not possible due to insufficient data.
 Vapour: No data available.
 Not classified based on available data of component(s).

Skin Corrosion/Irritation

Product: No data available.

Components:
 苯扎氯铵
 Alkyl(C12-16)benzyltrimethyl ammonium chlorides
 Category 1B: (88)

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:
 苯扎氯铵
 Alkyl(C12-16)benzyltrimethyl ammonium chlorides
 Category 1: (88)

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Respiratory or Skin Sensitization

Product: Skin sensitization, Buehler Skin: (Guinea Pig): Negative
 Skin sensitization, OECD TG442E Skin: : Negative
 Skin: Not classified based on available data.
 Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

Product: No data available.
 Not classified based on available data of component(s).

Germ Cell Mutagenicity

In vitro

Product: Ames test (TA98, TA100, WP2try-): Negative
 Not classified based on available data.

In vivo

Product: Not classified based on available data.

Reproductive toxicity

Product: No data available.
 Not classified based on available data of component(s).

Specific Target Organ Toxicity - Single Exposure

Product: Classification not possible due to insufficient data.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.
 Not classified based on available data of component(s).

Aspiration Hazard

Product: Classification not possible due to insufficient data.

Other effects:

No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

苯扎氯铵 Category 1: (88)

Alkyl(C12-16)benzyltrimethyl
 ammonium chlorides

Chronic hazards to the aquatic environment

Fish

Product name:
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Product: No data available.

Aquatic Invertebrates
Product: No data available.

Components:
 苯扎氯铵 Category 1: (88)
 Alkyl(C12-16)benzyl dimethyl
 ammonium chlorides

Persistence and Degradability

Biodegradation
Product: No data available.

BOD/COD Ratio
Product: No data available.

Bioaccumulative potential
Bioconcentration Factor (BCF)
Product: No data available.

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

13. Disposal considerations

Disposal methods: Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. Incinerate with little portions. Risk of producing harmful gases such as carbon monoxide and phosgene.

Contaminated Packaging: No data available.

14. Transport information

IATA

UN Number:	UN 1760
UN Proper Shipping Name:	Corrosive liquid, n.o.s.(Quaternary Ammonium Chloride)
Transport Hazard Class(es)	
Class:	8
Label(s):	8
Packing Group:	II
Passenger and cargo aircraft :	851
Limited quantity	None.
Excepted quantity	E2
Environmental Hazards	
Environmentally Hazardous:	Yes
Marine Pollutant:	No
Special precautions for user:	None.
Passenger and cargo aircraft:	Allowed. 851

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Cargo aircraft only : Allowed. 855

IMDG

UN Number:	UN 1760
UN Proper Shipping Name:	CORROSIVE LIQUID, N.O.S.(Quaternary Ammonium Chloride)
Transport Hazard Class(es)	
Class:	8
Label(s):	8
EmS No.:	F-A, S-B
Packing Group:	II
Limited quantity	1.00L
Excepted quantity	E2
Environmental Hazards	
Environmentally Hazardous:	Yes
Marine Pollutant:	Yes
Special precautions for user:	None.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
 Not applicable for product as supplied.

National Regulations

Domestic Standard: In compliance with domestic law.

Emergency Response Guide Number: 154

15. Regulatory information

National regulatory information:

Regulations on Occupational Safety and Health Facilities

Standards for the Storage, Cleanup, Handling and Disposal of Industrial Waste.

Regulations on Labelling and Hazard Communication of Hazardous Chemicals

Rules on Road Traffic Safety

Inventory Status:

US TSCA Inventory:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Australia AICS:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	Contact us for information
Japan (ENCS) List:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
REACH (EU):	Contact us for information
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

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16. Other Information

Version #: 1.0
Revision Date: 2023.11.22
Issue Date: 2023.11.22

Organization that prepared the SDS and SDS Author:

SDS Author: Kao (Taiwan) Corporation
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23143, Taiwan R.O.C.
Chin chang, Wen (Director) TEL: 886-2-8665-1930

Further Information: No data available.

References: No data available.

Revision Information Not relevant.

Disclaimer: To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist. In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail information.

Reference:
(88): ECHA-REACH Registered Substances Database