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SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
236920	Pail Tryptic Soy Agar 2Kg	No data available

Other means of identification

SDS number: 088100176348

Recommended restrictions

Recommended use: Laboratory Chemicals
Restrictions on use: None known.

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: BD, Integrated Diagnostic Solutions
Address: 7 Loveton Circle
Sparks, MD 21152
USA

Telephone: 1 844 823 5433
Fax: not available
Contact Person: Tech Services

Emergency telephone number: CHEMTREC 1 800 424 9300

2. Hazard(s) identification

Hazard Classification

Not classified

Label Elements

Hazard Symbol: No symbol

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Signal Word: No signal word.

Hazard Statement: Not applicable
Precautionary Statements Not applicable

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 (%)*
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.	113-24-6	0.6426%
Sulfurous acid, sodium salt (1:1)	No data available.	7631-90-5	0.1285%
Zinc chloride (ZnCl2)	No data available.	7646-85-7	0.0051%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of necessary first-aid measures

General information: Get medical attention if symptoms occur.

Inhalation: Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

Skin Contact: Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

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Eye contact:	Flush thoroughly with water. If irritation occurs, get medical assistance.
Ingestion:	Get medical attention if symptoms occur.
Personal Protection for First-aid Responders:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Most important symptoms/effects, acute and delayed

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

Indication of immediate medical attention and special treatment needed

Treatment:	No data available.

5. Fire-fighting measures

General Fire Hazards:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water spray to keep fire-exposed containers cool.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media:	None known.
Specific hazards arising from the chemical:	None known.

Special protective equipment and precautions for firefighters

Special fire fighting procedures:	No unusual fire or explosion hazards noted.

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Special protective equipment for fire-fighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	No special precautionary health measures should be needed under anticipated conditions of use.
Methods and material for containment and cleaning up:	No specific clean-up procedure noted.
Environmental Precautions:	Avoid release to the environment.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation):	No special requirements under ordinary conditions of use and with adequate ventilation.
Safe handling advice:	When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.
Contact avoidance measures:	No data available.

Storage

Safe storage conditions:	Store in a cool, dry place. Keep container tightly closed.
Safe packaging materials:	No data available.

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8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Sulfurous acid, sodium salt (1:1)	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	5 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
Sulfurous acid, sodium salt (1:1) - Particulate.	AN ESL	5 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (07 2011)
	ST ESL	50 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (07 2011)
Sulfurous acid, sodium salt (1:1)	TWA PEL	5 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (08 2010)
	TWA	5 mg/m3	US. ACGIH Threshold Limit Values, as amended (12 2010)
	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
Zinc chloride (ZnCl2) - Fume.	TWA	1 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	STEL	2 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	STEL	2 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
	TWA	1 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
Zinc chloride (ZnCl2) - Particulate.	AN ESL	2 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (07 2011)
	ST ESL	20 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (07 2011)
Zinc chloride (ZnCl2) - Fume.	STEL	2 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (08 2010)
	TWA PEL	1 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (08 2010)
	STEL	2 mg/m3	US. ACGIH Threshold Limit Values, as amended (12 2010)
	TWA	1 mg/m3	US. ACGIH Threshold Limit Values, as

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			amended (12 2010)
	REL	1 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	STEL	2 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)
	PEL	1 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
Zinc chloride (ZnCl2)	IDLH	50 mg/m3	US. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended (10 2017)

Appropriate Engineering Controls No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment

General information: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin Protection
Hand Protection: Chemical resistant gloves

Other: Wear a lab coat or similar protective clothing.

Respiratory Protection: Respiratory protection not required.

Hygiene measures: Observe good industrial hygiene practices.

9. Physical and chemical properties

Information on basic physical and chemical properties
Appearance

Physical state: solid
Form: solid
Color: According to product specification.

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Odor:	Characteristic
Odor Threshold:	No data available.
Melting Point:	No data available.
Boiling Point:	No data available.
Flammability:	Not applicable
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	Not applicable
Explosive limit - lower:	Not applicable
Flash Point:	Not applicable
Self Ignition Temperature:	Not determined.
Decomposition Temperature:	Not applicable
pH:	No data available.
Viscosity	
Dynamic viscosity:	Not determined.
Kinematic viscosity:	Not determined.
Flow Time:	Not applicable
Solubility(ies)	
Solubility in Water:	Completely Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	No data available.
Bulk density:	Not applicable
Vapor density (air=1):	Not applicable
Particle characteristics	
Particle Size:	Not applicable
Particle Size Distribution:	Not applicable
Specific surface area:	Not applicable
Surface charge/Zeta potential:	Not applicable
Assessment:	Not applicable
Shape:	Not applicable
Crystallinity:	Not applicable
Surface treatment:	Not applicable

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Other information

Metal Corrosion: Non-corrosive per US Department of Transportation testing protocol.

10. Stability and reactivity

Reactivity: Material is stable under normal conditions.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: Not known.

Conditions to avoid: Avoid exposure to high temperatures or direct sunlight.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Not known.

11. Toxicological information

Information on likely routes of exposure

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: No data available.

Components:

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Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	LD 50 (Rat): 2,746 mg/kg Read-across from supporting substance (structural analogue or surrogate), Key study LD 50 (Rat): 2,610 mg/kg Read-across from supporting substance (structural analogue or surrogate), Key study LD 50 (Rat): 3,200 mg/kg Read-across from supporting substance (structural analogue or surrogate), Supporting study LD 50 (Rat): > 2,150 - < 2,610 mg/kg Read-across from supporting substance (structural analogue or surrogate), Key study LD 50 (Rat): > 2,000 mg/kg Read-across from supporting substance (structural analogue or surrogate), Supporting study
Zinc chloride (ZnCl2)	LD 50 (Mouse): 1,260 mg/kg Experimental result, Key study LD 50 (Rat): 1,100 mg/kg Experimental result, Key study

Dermal

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	LD 50 (Rat): > 2,000 mg/kg Read-across from supporting substance (structural analogue or surrogate), Key study LD 50 (Rat): > 2,000 mg/kg Read-across from supporting substance (structural analogue or surrogate), Key study LD 50 (Rat): > 2,000 mg/kg Read-across from supporting substance (structural analogue or surrogate), Key study
Zinc chloride (ZnCl2)	LD 50 (Rabbit): > 2,000 mg/kg Read-across based on grouping of substances (category approach), Key study

Inhalation

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	

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Sulfurous acid, sodium salt (1:1)	LC 50 (Rat): > 22 mg/l Aerosolized dust, Read-across from supporting substance (structural analogue or surrogate), Key study LC 50 (Rat): > 5.5 mg/l Aerosolized dust, Read-across from supporting substance (structural analogue or surrogate), Key study LC 50 (Rat): > 5.5 mg/l Aerosolized dust, Read-across from supporting substance (structural analogue or surrogate), Key study LC 50 (Rat): > 5.5 mg/l Aerosolized dust, Read-across from supporting substance (structural analogue or surrogate), Key study
Zinc chloride (ZnCl2)	LC 50 (Rat): 2,000 mg/m3 Aerosol, Experimental result, Key study

Repeated dose toxicity

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	NOAEL (Rat, Oral, 1 - 2 yr): 0.05 %(m) Oral Experimental result, Supporting study NOAEL (Rat(female), Oral, 8 Weeks): 70 mg/kg Oral Read-across from supporting substance (structural analogue or surrogate), Supporting study NOAEL (Rat(Female, Male), Oral, 10 - 730 d): 108 mg/kg Oral Read-across from supporting substance (structural analogue or surrogate), Supporting study NOAEL (Rat(Female, Male), Oral, 21 - 104 Weeks): 108 mg/kg Oral Read-across from supporting substance (structural analogue or surrogate), Key study NOAEL (Pig(Female, Male), Oral, 48 Weeks): 0.35 %(m) Oral Read-across from supporting substance (structural analogue or surrogate), Supporting study
Zinc chloride (ZnCl2)	NOAEL (Rat(Female, Male), Oral, 13 Weeks): 3,000 ppm(m) Oral Read-across based on grouping of substances (category approach), Key study NOAEL (Rat(Female, Male), Oral, 13 Weeks): 31.52 mg/kg Oral Read-across based on grouping of substances (category approach), Key study NOAEL (Mouse(Female, Male), Oral, 13 Weeks): 3,000 ppm(m) Oral Read-across based on grouping of substances (category approach), Key study

Skin Corrosion/Irritation

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	in vivo (Rabbit): Not irritant

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Zinc chloride (ZnCl2)	in vivo (Guinea pig): Moderately irritating in vivo (Rabbit): Highly irritating in vivo (Mouse): Highly irritating

Serious Eye Damage/Eye Irritation

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Respiratory or Skin Sensitization

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Carcinogenicity

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogens present or none present in regulated quantities

ACGIH: US.ACGIH Threshold Limit Values:
No carcinogens present or none present in regulated quantities

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:
No carcinogens present or none present in regulated quantities

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Germ Cell Mutagenicity

In vitro

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

In vivo

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Reproductive toxicity

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Specific Target Organ Toxicity - Single Exposure

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.

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Zinc chloride (ZnCl2)	No data available.

Aspiration Hazard

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Information on health hazards

Other hazards

Product:	No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	LC 50 (Leuciscus idus, 96 h): > 215 - < 464 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study LC 50 (Oncorhynchus mykiss, 96 h): 177.8 mg/l Read-across from supporting substance (structural analogue or surrogate), Supporting study LC 50 (Leuciscus idus, 96 h): 316 mg/l Read-across from supporting substance (structural analogue or surrogate), Supporting study LC 50 (Leuciscus idus, 96 h): 316 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study NOAEL (Leuciscus idus, 96 h): 215 mg/l Read-across from supporting substance (structural analogue or surrogate), Supporting study
Zinc chloride (ZnCl2)	LC 50 (Cottus bairdii, 96 h): 439 µg/l Read-across based on grouping of substances (category approach), Key study LC 50 (Oncorhynchus kisutch, 96 h): 820 µg/l Experimental result, Key study LC 50 (Thymallus arcticus, 96 h): 112 µg/l Experimental result, Key study LC 50 (Oncorhynchus kisutch, 96 h): 1,810 µg/l Experimental result, Key study LC 50 (Oncorhynchus kisutch, 96 h): 727 µg/l Experimental result, Key study

Aquatic Invertebrates

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Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	EC 100 (Daphnia magna, 48 h): 125 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study EC 50 (Daphnia magna, 48 h): 89 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study ED 0 (Daphnia magna, 48 h): 62.5 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study
Zinc chloride (ZnCl2)	LC 50 (Daphnia magna, 48 h): 131 µg/l Read-across based on grouping of substances (category approach), Key study EC 50 (Tetrahymena thermophila, 24 h): 21.1 mg/l Read-across based on grouping of substances (category approach), Key study EC 50 (Thamnocephalus platyurus, 24 h): 0.92 mg/l Read-across based on grouping of substances (category approach), Key study EC 50 (Tetrahymena thermophila, 24 h): 7.1 mg/l Read-across based on grouping of substances (category approach), Key study EC 50 (Daphnia pulex, 48 h): 268 µg/l Read-across based on grouping of substances (category approach), Supporting study

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Toxicity to microorganisms

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Chronic hazards to the aquatic environment:

Fish

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-,	No data available.

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sodium salt (1:1)	
Sulfurous acid, sodium salt (1:1)	NOAEL (Danio rerio, 34 d): >= 316 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study
Zinc chloride (ZnCl2)	NOAEL (Oncorhynchus mykiss, 30 d): 159 µg/l Experimental result, Key study NOAEL (Pimephales promelas, 7 d): 129 µg/l Read-across based on grouping of substances (category approach), Supporting study NOAEL (Clupea harengus, 17 d): 500 µg/l Read-across based on grouping of substances (category approach), Key study NOAEL (Salvelinus fontinalis, 8 Weeks): 720 µg/l Read-across based on grouping of substances (category approach), Key study NOAEL (Pimephales promelas, 8 Months): 295 µg/l Read-across based on grouping of substances (category approach), Key study

Aquatic Invertebrates

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	NOAEL (Daphnia magna, 21 d): > 10 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study LC 0 (Daphnia magna, 21 d): > 10 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study
Zinc chloride (ZnCl2)	NOAEL (Ceriodaphnia dubia, 1 Weeks): 29 µg/l Read-across based on grouping of substances (category approach), Key study NOAEL (Daphnia magna, 3 Weeks): 133 µg/l Experimental result, Key study NOAEL (Mya arenaria, 7 d): 25,000 µg/l Experimental result, Key study NOAEL (Daphnia longispina, 21 d): 209 µg/l Experimental result, Key study IC 25 (Paracentrotus lividus, 28 h): 30 µg/l Read-across based on grouping of substances (category approach), Key study

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Toxicity to microorganisms

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.

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Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Persistence and Degradability

Biodegradation

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

BOD/COD Ratio

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	Various, Bioconcentration Factor (BCF): 0.45 Terrestrial Read-across based on grouping of substances (category approach), Key study Various, Bioconcentration Factor (BCF): 0.14 Terrestrial Read-across based on grouping of substances (category approach), Key study Various, Bioconcentration Factor (BCF): 1.84 Terrestrial Read-across based on grouping of substances (category approach), Key study Palaemon elegans (crustaceae), Bioconcentration Factor (BCF): 123 Aquatic sediment Experimental result, Key study Various, Bioconcentration Factor (BCF): 0.54 Terrestrial Read-across based on grouping of substances (category approach), Key study

Partition Coefficient n-octanol / water (log Kow)

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Product:	Log Kow: No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Mobility in soil:

Product	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Results of PBT and vPvB assessment:

Product	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

Other adverse effects:

Other hazards	
Product:	No data available.
Components:	
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.
Sulfurous acid, sodium salt (1:1)	No data available.
Zinc chloride (ZnCl2)	No data available.

13. Disposal considerations

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General information:	Dispose of waste and residues in accordance with local authority requirements.
Disposal methods:	No specific disposal method required.
Contaminated Packaging:	No data available.

14. Transport information

DOTUN Number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class(es)	
Class:	Not regulated.
Label(s):	Not regulated.
Packing Group:	Not regulated.
Marine Pollutant:	Not regulated.
Limited quantity	Not regulated.
Excepted quantity	Not regulated.
Special precautions for user:	Not regulated.

IMDG

UN Number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class(es)	
Class:	Not regulated.
Subsidiary risk:	Not regulated.
EmS No.:	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards	
Marine Pollutant:	Not regulated.
Special precautions for user:	Not regulated.

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IATA

UN Number:	Not regulated.
Proper Shipping Name:	Not regulated.
Transport Hazard Class(es):	
Class:	Not regulated.
Subsidiary risk:	Not regulated.
Packing Group:	Not regulated.
Environmental Hazards	
Marine pollutant:	Not regulated.
Special precautions for user:	Not regulated.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)
None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended
None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity
Sulfurous acid, sodium salt (1:1)
Zinc chloride (ZnCl2)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Not classified

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances
None present or none present in regulated quantities.

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US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

Chemical Identity

Sulfurous acid, sodium salt (1:1)
Zinc chloride (ZnCl2)

US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

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16.Other information, including date of preparation or last revision

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