

**BD** 

Becton, Dickinson andCompany BD, Franklin Lakes, NJ 07417 USA www.bd.com

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

Product No.:	Product name:	Common name(s), synonym(s)
285310	BD Difco™ Hektoen Enteric Agar	No data available
285320	BD Difco™ Hektoen Enteric Agar	No data available
285340	Hektoen Enteric Agar	No data available

#### **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: Business Unit Product Stewardship Team

E-mail: IDS\_SDS@bd.com

Emergency telephone number: CHEMTREC 1 800 424 9300

## 2. Hazard(s) identification

### **Hazard Classification**

#### **Health Hazards**

Serious Eye Damage/Eye Irritation Category 2A Skin sensitizer Category 1

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#### **Label Elements**

## **Hazard Symbol:**



Signal Word: Warning

**Hazard Statement:** H319: Causes serious eye irritation.

Precautionary Statements

**Prevention:** P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

H317: May cause an allergic skin reaction.

P264: Wash face, hands and any exposed skin thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the

workplace.

P280: Wear protective gloves/ protective clothing/ eye protection/ face

protection.

**Response:** P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P363: Wash contaminated clothing before reuse.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

**Disposal:** P501: Dispose of contents/ container to an approved facility in accordance

with local, regional, national and international regulations.

Other hazards which do not result in GHS classification:

None.

## 3. Composition/information on ingredients

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#### **Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
D(+)-Sucrose	No data available.	57-50-1	15.2691%
Bile Salts No. 3	No data available.		7.6346%
salicin	No data available.	138-52-3	2.5449%
Ammonium iron(III) citrate	No data available.	1185-57-5	1.9086%
Propanoic acid, 2-oxo-, sodium salt (1:1)	No data available.	113-24-6	1.9086%

<sup>\*</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

**Description of first aid measures** 

**General information:** Causes serious eye irritation.

**Inhalation:** Get medical attention if any discomfort continues.

**Skin Contact:** Wash off promptly and flush contaminated skin with water.

Promptly remove clothing if soaked through and flush skin with

water.

**Eye contact:** Important! Immediately rinse with water for at least 15 minutes.

Get medical attention immediately.

**Ingestion:** If swallowed, rinse mouth with water (only if the person is

conscious). DO NOT induce vomiting. Get medical attention

immediately.

**Personal Protection for First-aid** 

Responders:

No data available.

Most important symptoms and effects, both acute and delayed Symptoms:

Symptoms may be delayed.

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**Hazards:** Causes serious eye irritation. May cause an allergic skin reaction.

Indication of immediate medical attention and special treatment needed

**Treatment:** Get immediate medical advice/attention.

5. Fire-fighting measures

General Fire Hazards: Extinguish all ignition sources. Avoid sparks, flames, heat

and smoking. Ventilate. Use water to keep fire exposed

containers cool and disperse vapors.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, foam, dry powder or carbon dioxide. Use fire-

extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread

fire.

Special hazards arising from the

substance or mixture:

Fire or excessive heat may produce hazardous

decomposition products.

Special protective equipment and precautions for fire-fighters

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

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:

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wash thoroughly after dealing with a spillage. Contact local authorities in case

of spillage to drain/aquatic environment.

Accidental release measures: No data available.

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Methods and material for containment and cleaning up:

Absorb spillage with suitable absorbent material. Prevent runoff from entering drains, sewers, or streams. See Section 8 of the SDS for Personal Protective Equipment. For waste

disposal, see section 13 of the SDS.

**Environmental Precautions:** Avoid release to the environment.

## 7. Handling and storage

#### Handling

**Technical measures:**No data available.

**Local/Total ventilation:** No data available.

Safe handling advice: Avoid contact with eyes. Eye wash facilities and emergency

shower must be available when handling this product. Wash at the end of each work shift and before eating, smoking and

using the toilet. Read and follow manufacturer's

recommendations. Use personal protective equipment as

required.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Store in tightly closed original container in a dry, cool and

well-ventilated place.

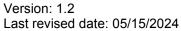
Safe packaging materials: No data available.

## 8. Exposure controls/personal protection

## **Control Parameters**

#### **Occupational Exposure Limits**

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Chemical Identity	Туре	Exposure Limit Values	Source
D(+)-Sucrose - Respirable fraction.	TWA	5 mg/m3	OSHA Z1A
D(+)-Sucrose - Total dust.	TWA	15 mg/m3	OSHA Z1A
D(+)-Sucrose - Respirable fraction.	TWA	5 mg/m3	TN OEL
D(+)-Sucrose - Total dust.	TWA	15 mg/m3	TN OEL
D(+)-Sucrose - Particulate.	AN ESL	5 μg/m3	TX ESL
	ST ESL	50 μg/m3	TX ESL
D(+)-Sucrose	TWA	10 mg/m3	ACGIH
D(+)-Sucrose - Total	REL	10 mg/m3	NIOSH
D(+)-Sucrose - Respirable.	REL	5 mg/m3	NIOSH
D(+)-Sucrose - Total dust.	PEL	15 mg/m3	OSHA Z1
D(+)-Sucrose - Respirable fraction.	PEL	5 mg/m3	OSHA Z1
D(+)-Sucrose - Total dust.	TWA PEL	10 mg/m3	US CA OEL
D(+)-Sucrose - Respirable fraction.	TWA PEL	5 mg/m3	US CA OEL
	TWA	15 millions of particles per cubic foot of air	Z3
D(+)-Sucrose - Total dust.	TWA	50 millions of particles per cubic foot of air	Z3
	TWA	15 mg/m3	Z3
D(+)-Sucrose - Respirable fraction.	TWA	5 mg/m3	Z3
Ammonium iron(III) citrate - as Fe	TWA	1 mg/m3	OSHA Z1A
	TWA	1 mg/m3	TN OEL

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Ammonium iron(III) citrate	ST ESL	10 μg/m3	TX ESL
	AN ESL	1 μg/m3	TX ESL
Ammonium iron(III) citrate - as Fe	TWA PEL	1 mg/m3	US CA OEL
	TWA	1 mg/m3	ACGIH
	REL	1 mg/m3	NIOSH

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

## **Biological Limit Values**

No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls Adequate ventilation should be provided whenever the

material is heated or mists are generated.

Individual protection measures, such as personal protective equipment

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

**Skin Protection** 

**Hand Protection:** Material: Chemical resistant gloves

**Skin and Body Protection:** Wear a lab coat or similar protective clothing.

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**Respiratory Protection:** If engineering controls do not maintain airborne

concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Hygiene measures:** Avoid contact with eyes. Wash hands after contact.

Observe good industrial hygiene practices.

## 9. Physical and chemical properties

**Explosive limit - upper:** 

## Information on basic physical and chemical properties

**Appearance** 

Physical state: solid
Form: solid

**Color:** According to product specification.

Odor: Characteristic

Odor Threshold:No data available.Melting Point:No data available.Boiling Point:No data available.Flammability:No data available.

Upper/lower limit on flammability or explosive limits

Explosive limit - lower:

Flash Point:

Not applicable

No data available.

No data available.

Decomposition Temperature:

No data available.

**pH:** No data available.

**Viscosity** 

**Dynamic viscosity:**Not determined.
Kinematic viscosity:
Not determined.

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No data available.



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Flow Time: No data available.

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:** No data available. Vapor density (air=1): No data available.

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: No data available.

Possibility of hazardous reactions: None under normal conditions.

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

By heating and fire, harmful vapors/gases may be

**Incompatible Materials:** Strong oxidizing agents.

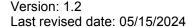
Hazardous Decomposition

**Products:** formed.

## 11. Toxicological information

General information: Irritating.

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Information on likely routes of exposure

**Inhalation:** Under normal conditions of intended use, this material is not expected to

be an inhalation hazard.

**Skin Contact:** May cause allergic skin reaction based on human experience.

**Eye contact:** Irritating to eyes.

**Ingestion:** Ingestion may cause severe irritation of the mouth, the esophagus and

the gastrointestinal tract.

#### Acute toxicity (list all possible routes of exposure)

Oral

**Product:** ATEmix, 11,165.03 mg/kg

Components:

D(+)-Sucrose LD 50, Rat, 29,700 mg/kg Bile Salts No. 3 LD 50, Mouse, 1,725 mg/kg

salicin
Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,
No data available.
No data available.

sodium salt (1:1)

**Dermal** 

**Product:** No data available.

Components:

D(+)-Sucrose
Bile Salts No. 3
salicin
Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,
No data available.
No data available.
No data available.
No data available.

sodium salt (1:1)

Inhalation

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

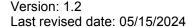
Repeated dose toxicity

**Product:** No data available.

Components:

D(+)-Sucrose No data available. Bile Salts No. 3 No data available.

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salicin No data available. Ammonium iron(III) citrate No data available. Propanoic acid, 2-oxo-, No data available. sodium salt (1:1)

Skin Corrosion/Irritation

**Product:** No data available.

**Components:** 

D(+)-Sucrose No data available. No data available. Bile Salts No. 3 salicin No data available. Ammonium iron(III) citrate No data available. Propanoic acid, 2-oxo-, No data available.

sodium salt (1:1)

Serious Eye Damage/Eye Irritation

**Product:** Irritating to eyes.

Components:

D(+)-Sucrose No data available. Bile Salts No. 3 No data available. No data available. salicin Ammonium iron(III) citrate No data available. Propanoic acid, 2-oxo-, No data available.

sodium salt (1:1)

Respiratory or Skin Sensitization

**Product:** May cause an allergic skin reaction.

Components:

No data available. D(+)-Sucrose Bile Salts No. 3 No data available. salicin No data available. Ammonium iron(III) citrate No data available. Propanoic acid, 2-oxo-, No data available. sodium salt (1:1)

Carcinogenicity

**Product:** No data available.

Components:

No data available. D(+)-Sucrose Bile Salts No. 3 No data available. salicin No data available. Ammonium iron(III) citrate No data available. Propanoic acid, 2-oxo-, No data available.

sodium salt (1:1)

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#### 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 1910.1001-1053), as amended:

No carcinogens present or none present in regulated quantities

#### **Germ Cell Mutagenicity**

In vitro

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate

Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

In vivo

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate

Propanoic acid, 2-oxo-,
sodium salt (1:1)

No data available.
No data available.
No data available.

Reproductive toxicity

**Product:** No data available.

Components:

D(+)-Sucrose
Bile Salts No. 3
Salicin
Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,
No data available.
No data available.
No data available.
No data available.

sodium salt (1:1)

## **Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

Components:

D(+)-Sucrose No data available. Bile Salts No. 3 No data available.

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salicin
Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,
No data available.
No data available.

sodium salt (1:1)

**Specific Target Organ Toxicity - Repeated Exposure** 

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate

Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

**Aspiration Hazard** 

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate

Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

## Information on health hazards

Other hazards

**Product:** No data available.

## 12. Ecological information

#### **General information:**

**General information:** This material has not been tested for environmental effects.

**Ecotoxicity:** 

Acute hazards to the aquatic environment:

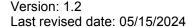
Fish

**Product:** No negative effects on the aquatic environment are known.

**Components:** 

D(+)-Sucrose No data available.

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Bile Salts No. 3 No data available. salicin No data available. Ammonium iron(III) No data available.

citrate

Propanoic acid, 2-oxo-,

sodium salt (1:1)

No data available.

**Aquatic Invertebrates** 

**Product:** No negative effects on the aquatic environment are known.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III)

No data available.

No data available.

No data available.

No data available.

citrate

Propanoic acid, 2-oxo-,

sodium salt (1:1)

No data available.

**Toxicity to Aquatic Plants** 

**Product:** No negative effects on the aquatic environment are known.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate

Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

Toxicity to microorganisms

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

#### **Chronic hazards to the aquatic environment:**

Fish

**Product:** No negative effects on the aquatic environment are known.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III)

No data available.

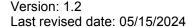
No data available.

No data available.

No data available.

citrate

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Propanoic acid, 2-oxo-,

sodium salt (1:1)

No data available.

**Aquatic Invertebrates** 

**Product:** No negative effects on the aquatic environment are known.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III)

No data available.

No data available.

No data available.

citrate

Propanoic acid, 2-oxo-, No data available.

sodium salt (1:1)

Toxicity to microorganisms

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate

Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

## Persistence and Degradability

#### **Biodegradation**

**Product:** No data available.

Components:

D(+)-Sucrose
Bile Salts No. 3
Salicin
Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,
No data available.
No data available.
No data available.
No data available.

sodium salt (1:1)

#### **BOD/COD Ratio**

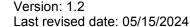
**Product:** No data available.

Components:

D(+)-Sucrose
Bile Salts No. 3
salicin
Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,
No data available.
No data available.
No data available.
No data available.

sodium salt (1:1)

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#### Bioaccumulative potential

#### **Bioconcentration Factor (BCF)**

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate

Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

#### Partition Coefficient n-octanol / water (log Kow)

**Product:** No data available.

Components:

D(+)-Sucrose -3.70

Bile Salts No. 3
salicin
Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,
No data available.
No data available.
No data available.
No data available.

sodium salt (1:1)

#### Mobility in soil:

**Product:** No data available.

Components:

D(+)-Sucrose
Bile Salts No. 3
Salicin
Ammonium iron(III) citrate
Propanoic acid, 2-oxo-,
No data available.
No data available.
No data available.
No data available.

sodium salt (1:1)

#### Results of PBT and vPvB assessment:

**Product:** No data available.

Components:

D(+)-Sucrose

Bile Salts No. 3

salicin

Ammonium iron(III) citrate

Propanoic acid, 2-oxo-,

No data available.

No data available.

No data available.

No data available.

sodium salt (1:1)

#### Other adverse effects:

#### Other hazards

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**Product:** No negative effects on the aquatic environment are known. Avoid release

to the environment.

## 13. Disposal considerations

General information: Dispose of waste and residues in accordance with local authority

requirements.

**Disposal methods:** Dispose of waste at an appropriate treatment and disposal facility in

accordance with applicable laws and regulations, and product

characteristics at time of disposal.

Contaminated Packaging: Dispose of contents/container to an appropriate treatment and disposal

facility in accordance with applicable laws and regulations, and product

characteristics at time of disposal.

## 14. Transport information

**Environmental Hazards** 

Environmentally Hazardous: No

Marine Pollutant: No

#### **IATA**

Not Regulated.

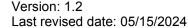
## **IMDG**

Not Regulated.

## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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## 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) Proposed 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 1910.1001-1053), as amended

None present or none present in regulated quantities.

## **CERCLA Hazardous Substance List (40 CFR 302.4):**

## **Chemical Identity**

FERRIC AMMONIUM CITRATE

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

## **Hazard categories**

Serious eye damage or eye irritation, Respiratory or Skin Sensitization

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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.

US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting

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**

FERRIC AMMONIUM CITRATE

## **US State Regulations**

#### **US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

#### International regulations

#### Montreal protocol

Not applicable

#### Stockholm convention

Not applicable

#### **Rotterdam convention**

Not applicable

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## Kyoto protocol

Not applicable

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

Version #: 1.2

Generation date: 05/15/2024

Date of first report

version:

04/19/2014

#### Abbreviations and acronyms:

ACGIH: US. ACGIH Threshold Limit Values, as amended

NIOSH/GUIDE: US. NIOSH: Pocket Guide to Chemical Hazards, as amended

OSHA\_TRANS: US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR

1910.1000), as amended

TN OEL: US. Tennessee. OELs. Occupational Exposure Limits, Table

Z1A, as amended

TX ESL: US. Texas. Effects Screening Levels (Texas Commission on

Environmental Quality), as amended

US CA OEL: US. California Code of Regulations, Title 8, Section 5155.

Airborne Contaminants, as amended

Z1A: US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended

Z3: US. OSHA Table Z-3 (29 CFR 1910.1000), as amended

ACGIH / TWA: Time Weighted Average (TWA):

NIOSH/GUIDE / REL: Recommended exposure limit (REL):

OSHA TRANS / PEL: Permissible exposure limit:

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TN OEL / TWA: Time Weighted Average (TWA):

TX ESL / ST ESL: Short-Term ESL:

TX ESL / AN ESL: Annual ESL:

US CA OEL / TWA PEL: Time Weighted Average (TWA) Permissible Exposure Limit

(PEL):

Z1A / TWA: Time Weighted Average (TWA):

Z3 / TWA: Time Weighted Average (TWA):

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL -Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS -Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS -Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA -International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR -(Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -

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Last revised date: 05/15/2024

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Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further Information:** No data available.

#### **Disclaimer**

#### Disclaimer:

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