

Date of compilation: 12/16/2022


Revised: 10/27/2023

Version: 4 (Replaced 3)

**SECTION 1: IDENTIFICATION**

**1.1** ; <G'DfcXiWh'jXYbhjZ]Yf.' **SURE-SET™ 57F dUfh' 5**  
**1.2** Ch\Yf' a YUbg'cZ'jXYbhjZ]WUh]cb.  
 Not applicable (N/A)  
**1.3** FYWc a a YbXYX' i gY'cZ'h\Y'W\Y a ]WU' UbX' fYghf]Wh]cbg'cb' i gY.  
 Relevant uses: Adhesive for construction  
 Uses advised against: All uses not specified in this section or in section 7.3  
**1.4** BU a Yz' UXXfYggz' UbX'hY'd\cbY' b i a VYf' cZ'h\Y'W\Y a ]WU' a Ub i ZUWh i fYfz' ] a dcfhYfz' cf' ch\Yf' fYgdcbgjV'Y' dUfhm.  
 Aerosmith Fastening System  
 5621 Dividend Road, Indianapolis, Indiana 46241  
 Tel: 800.528.8183  
 Fax: 317.390.6980  
 email: info@aerosmithfastening.com  
 www.aerosmithfastening.com  
**1.5** ( 9 a Yf [YbWm'd\cbY' b i a VYf. Chemtrec: 703-527-3887 (Outside USA).  
**1.6** ( 9 a Yf [YbWm'd\cbY' b i a VYf. Chemtrec: 1-800-424-9300 (Within Continental (USA));

**SECTION 2: HAZARD(S) IDENTIFICATION**

**2.1** 7' UggjZ]WUh]cb' cZ'h\Y' g i VghUbWY' cf' a ]Ih i fY.  
 Not irritating. On basis of test data. OECD Test No. 439. The product is not flammable. On basis of test data. UN Test N.1 and ASTM D4359-90  
**2.2** 7 : F' %--%\$%&\$\$\$.  
 Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.  
 Skin Sens. 1: Sensitisation, skin, Category 1, H317  
**2.3** @UVY' Y'Y a Ybhg.  
**2.4** 7 : F' %--%\$%&\$\$\$.  
**2.5** K Ufb]b [  
  
 <UnUfX' ghUhY a Ybhg.  
 Skin Sens. 1: H317 - May cause an allergic skin reaction.  
**2.6** DfYWU i h]cbUfm' ghUhY a Ybhg.  
 P273: Avoid release to the environment.  
 P280: Wear protective gloves/protective clothing/eye protection.  
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P501: Dispose of contents/ container in accordance with local/regional/national/international regulation.  
**2.7** <UnUfXg bch' ch\Yf k]gY' W' UggjZ]YX' fl<BC7L.  
 Not applicable (N/A)

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1** Gi VghUbWYg.  
 Non-applicable  
**3.2** A]Ih i fYg.  
**3.3** 7\Y a ]WU' XYgWf]dh]cb. Mixture composed of additives, pigments and resins  
**3.4** 7c a dcbYbhg.  
 Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)**

Identification	Chemical name/Classification	Concentration
CAS: 27813-02-1	AYh\UWfm]W'UW]Xi' a cbcYghYf' k]h\`dfcdUbY!%z&IX]c' Eye Irrit. 2A: H319; Skin Sens. 1: H317 - Warning	)!0%\$ i
CAS: 25013-15-4	J]bm'hc' i YbY Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	)!0%\$ i
CAS: 603-35-0	Hfjd\Ybm'd\cgd\]bY Acute Tox. 4: H302; Skin Sens. 1: H317; STOT RE 2: H373 - Warning	\$%!0%)' i

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**SECTION 4: FIRST-AID MEASURES**

(%) **8YgWf]dh]cb`cZ`bYWYggUfm` a YUg i fYg.**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**6m]b\U'Uh]cb.**

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

**6m`g\_]b`WcbhUWh.**

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

**6m`YmY`WcbhUWh.**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**6m]b [ Ygh]cb#Ugd]fUh]cb.**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

(\*& **Acgh`] a dcfhUbh`gm a dhc a g#YZZYWhgZ`UW i hY`UbX`XY`UmYX.**

Acute and delayed effects are indicated in sections 2 and 11.

(\*\* **-bX]WUh]cb`cZ`] a a YX]UhY` a YX]WU`UhYb]cb`UbX`gdYW]U`hfYUa a Ybh`bYXXZ`]Z`bYWYggUfm.**

Not applicable (N/A)

**SECTION 5: FIRE-FIGHTING MEASURES**

)% **G i]hUVY`fUbX` i bg i]hUVY`YI]h]b [ i]g\]b [ ` a YX]U.**

**G i]hUVY`YI]h]b [ i]g\]b [ ` a YX]U.**

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**I bg i]hUVY`YI]h]b [ i]g\]b [ ` a YX]U.**

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

)& **GdYW]Z]W` \UnUfXg`Uf]g]b [ `Zfc a`h\Y`W\Y a ]WU`.**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

)\*\* **GdYW]U` dcfhYWh]jY`Ye i]d a Ybh`UbX`dfYWU i]h]cbg`Zcf`Z]fY!Z] [ \hYfg.**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

**5XX]h]cbU` dfc j]g]cbg.**

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

\*% **DYfgcbU`dfYWU i h]cbgzi dfchYWh]jY`Ye i ]d a Ybh`UbX`Y a Yf [YbWm`dfcWYX i fYg.**  
**: cf`bcb!Y a Yf [YbWm`dYfgcbbY`.**

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal

**: cf`Y a Yf [YbWm`fYgdcbXYfg.**

Wear protective equipment. Keep unprotected persons away. See section 8.

\*& **9b j]fcb a YbhU`dfYWU i h]cbg.**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

\*\*\* **AYh\cXg`UbX` a UhYf]U`g`Zcf`WcbhU]b a Ybh`UbX`W`YU]b [ ` i d.**

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal

\*( **FYZfYbWY`hc`ch\Yf`gYWh]cbg.**

See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE**

+% **DfYWU i h]cbg`Zcf`gUZY` \UbX`]b [ .**

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

+& **7cbX]h]cbg`Zcf`gUZY`ghcfU [ Yi`]bW` i X]b [ `Ubm`]bWc a dUh]V]`]h]Yg.**

A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

+\* **GdYW]Z]W`YbX` i gYflL.**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

, % **7cbhfc`dUfU a YhYfg.**

Substances whose occupational exposure limits have to be monitored in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

Identification	Occupational exposure limits	
	Vinyltoluene CAS: 25013-15-4	8-hour TWA PEL
	Ceiling Values - TWA PEL	

US. ACGIH Threshold Limit Values (2022):

Identification	Occupational exposure limits	
	Vinyltoluene CAS: 25013-15-4	TLV-TWA
	TLV-STEL	75 ppm







**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

The experimental information related to the toxicological properties of the product itself is not available

**8Ub[Yfc ig`YU'h`]'ad`WUh]cbg.**

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Vinyltoluene (3); Titanium dioxide (2B)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Ch`Yf`]bZcf a Uh]cb.**

Not applicable (N/A)

**GdYW[Z]W`hc I]Wc`c [m`]bZcf a Uh]cb`cb`h`Y`g i VghUbWYg.**

Identification	Acute toxicity		Genus
Methacrylic acid, monoester with propane-1,2-diol CAS: 27813-02-1	LD50 oral	11200 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rabbit
	LC50 inhalation	>20 mg/L	
Vinyltoluene CAS: 25013-15-4	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation	1.5 mg/L (ATEi)	

Date of compilation: 12/16/2022 Revised: 10/27/2023 Version: 4 (Replaced 3)

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
Triphenylphosphine CAS: 603-35-0	700 mg/kg	>5000 mg/kg	Rat
	>5000 mg/kg	>5 mg/L	
	>5 mg/L		

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

%&% 9Wchc I]W]hm'fUe i Uh]W'UbX'hYffYghf]U'z' k \ YfY'U jU] UV'YL.

5W i hY'hc I]W]hm.

Identification	Concentration		Species	Genus
	LC50	EC50		
Methacrylic acid, monoester with propane-1,2-diol CAS: 27813-02-1	833 mg/L (96 h)	210 mg/L (48 h)	Scophthalmus maximus	Fish
	210 mg/L (48 h)	Not applicable (N/A)	Acartia tonsa	Crustacean
	Not applicable (N/A)			
Vinyltoluene CAS: 25013-15-4	7.6 mg/L (96 h)	1.3 mg/L (48 h)	Salmo gairdneri	Fish
	1.3 mg/L (48 h)	2.6 mg/L (72 h)	Daphnia magna	Crustacean
	2.6 mg/L (72 h)		Selenastrum capricornutum	Algae

7 \ fcb]W'hc I]W]hm.

Identification	Concentration		Species	Genus
	NOEC	NOEC		
Methacrylic acid, monoester with propane-1,2-diol CAS: 27813-02-1	Not applicable (N/A)	45.2 mg/L	Daphnia magna	Crustacean
	45.2 mg/L			
Vinyltoluene CAS: 25013-15-4	1.16 mg/L	0.32 mg/L	N/A	Fish
	0.32 mg/L		Daphnia magna	Crustacean

%&\*& DYfg]ghYbWY'UbX'XY [ fUXUV]'hm.

G i VghUbWY!gdYW]Z]W' ]bZcf a Uh]cb.

Identification	Degradability		Biodegradability	
	BOD5	COD	Concentration	Period
Methacrylic acid, monoester with propane-1,2-diol CAS: 27813-02-1	Not applicable (N/A)	Not applicable (N/A)	Not applicable (N/A)	Not applicable (N/A)
	Not applicable (N/A)	Not applicable (N/A)	Period	Not applicable (N/A)
	Not applicable (N/A)	Not applicable (N/A)	% Biodegradable	81 %

%&'' 6]cUWW i a i'Uh]jY'dchYbh]U'.

G i VghUbWY!gdYW]Z]W' ]bZcf a Uh]cb.

Identification	Bioaccumulation potential	
	BCF	Pow Log
Methacrylic acid, monoester with propane-1,2-diol CAS: 27813-02-1	3	0.97
	0.97	Low
	Low	
Vinyltoluene CAS: 25013-15-4	5	3.44
	3.44	Low
	Low	

%&'( AcV]' ]hm' ]b'gc]'.

Identification	Absorption/desorption		Volatility	
	Koc	Conclusion	Henry	Dry soil
Methacrylic acid, monoester with propane-1,2-diol CAS: 27813-02-1	80	High	9E-4 Pa·m <sup>3</sup> /mol	Not applicable (N/A)
	High	Not applicable (N/A)	Dry soil	Not applicable (N/A)
	Not applicable (N/A)	Not applicable (N/A)	Moist soil	Not applicable (N/A)
Vinyltoluene CAS: 25013-15-4	Not applicable (N/A)	Not applicable (N/A)	Henry	Not applicable (N/A)
	Not applicable (N/A)	Not applicable (N/A)	Dry soil	Not applicable (N/A)
	Not applicable (N/A)	3.2E-2 N/m (68 °F)	Moist soil	Not applicable (N/A)



Date of compilation: 12/16/2022      Revised: 10/27/2023      Version: 4 (Replaced 3)

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

Identification	Absorption/desorption		Volatility	
	Triphenylphosphine CAS: 603-35-0	Koc	Not applicable (N/A)	Henry
	Conclusion	Not applicable (N/A)	Dry soil	Not applicable (N/A)
	Surface tension	1.168E-2 N/m (766.49 °F)	Moist soil	Not applicable (N/A)

%&" ) FYgi`hg`cZ`D6H`UbX` jD j 6`UggYgg a Ybh.

Non-applicable

%&"\* Ch`Yf`UX jYfgY`ZZYWhg.

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

%`" % 8]gdcgU` a Yh`cXg.

IT IS THE RESPONSIBILITY OF THE WASTE GENERATOR TO EVALUATE WHETHER HIS WASTES ARE HAZARDOUS BY CHARACTERISTICS OR LISTING.

KUghY` a UbU[Y a Ybh`iX]gdcgU` UbX`Y jU` i Uh]cbL.

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

FY [ i`Uh]cbg`fY`UhYX`hc` kUghY` a UbU[Y a Ybh.

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

**SECTION 14: TRANSPORT INFORMATION**

This product is not regulated for transport.

**SECTION 15: REGULATORY INFORMATION**

%)`% GUZYhmz` \YU`h` UbX`Yb j]fcb a YbhU` fY [ i`Uh]cbg`gdYW]Z]W`Zcf`h`Y`dfcX i Wh`]b`e i Ygh]cb.

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *Vinyltoluene (25013-15-4)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Not applicable (N/A)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Not applicable (N/A)
- CANADA-Domestic Substances List (DSL): *Methacrylic acid, monoester with propane-1,2-diol (27813-02-1)* ; *Vinyltoluene (25013-15-4)* ; *Triphenylphosphine (603-35-0)*
- CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: Not applicable (N/A)
- Hazardous Air Pollutants (Clean Air Act): Not applicable (N/A)
- Massachusetts RTK - Substance List: *Vinyltoluene (25013-15-4)*
- Minnesota - Hazardous substances ERTK: *Vinyltoluene (25013-15-4)*
- New Jersey Worker and Community Right-to-Know Act: *Vinyltoluene (25013-15-4)*
- New York RTK - Substance list: *Vinyltoluene (25013-15-4)*
- NTP (National Toxicology Program): Not applicable (N/A)
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Not applicable (N/A)
- Pennsylvania Worker and Community Right-to-Know Law: *Vinyltoluene (25013-15-4)*
- Rhode Island - Hazardous substances RTK: Not applicable (N/A)
- The Toxic Substances Control Act (TSCA) : *Methacrylic acid, monoester with propane-1,2-diol (27813-02-1)* ; *Vinyltoluene (25013-15-4)* ; *Triphenylphosphine (603-35-0)*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): Not applicable (N/A)

GdYW]Z]W`dfc j]g]cbg`]b`hYf a g`cZ`dfchYWh]b [ `dYcd`Y`cf`h`Y`Yb j]fcb a Ybh.

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Date of compilation: 12/16/2022      Revised: 10/27/2023      Version: 4 (Replaced 3)

**SECTION 15: REGULATORY INFORMATION (continued)**

Ch\Yf`Y`[g`Uh]cb.

Take into consideration other applicable federal, state, and local laws and local regulations.

**SECTION 16: OTHER INFORMATION**

@Y`[g`Uh]cb`fY`UhYX`hc`gUZYhm`XUhU`g`YYhg.

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

HYIhg`cZ`h`Y`Y`[g`Uh]jY`d`fUgYg`a`Ybh]cbYX`]b`gYWh]cb`&.

H317: May cause an allergic skin reaction.

HYIhg`cZ`h`Y`Y`[g`Uh]jY`d`fUgYg`a`Ybh]cbYX`]b`gYWh]cb`'.

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

&`-`7`:`F`%`-%`\$`%&\$\$.

Acute Tox. 4: H302 - Harmful if swallowed.

Eye Irrit. 2A: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

5X]jWY`fY`UhYX`hc`hfU]b]b[.

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Df]bW]dU`V]V`]c`[fUd\]WU`gc`i`fWYg.

Occupational Safety & Health Administration (OSHA).

5VVfY`j]Uh]cbg`UbX`UWfcbm`a`g.

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

Date of compilation: 12/16/2022

Revised: 10/27/2023

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END OF SAFETY DATA SHEET