

SAFETY DATA SHEET

This Safety Data Sheet has been prepared to comply with the EU Regulation No. 1907/2006 and 2015/830.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name: EPOXY METAL SYRINGE BREAK OFF TIP (48) - RESIN

Part Number: 11710117_15212 - RESIN

SDS Date of Preparation: August 14, 2015

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Epoxy resin. This product is part of a two part product. Read and understand the hazard information on the SDS for the Metal Epoxy Hardener before using this product.

Uses Advised Against: None known.

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: Pacer Technology
3281 E. Guasti Rd., Suite 260
Ontario, CA 91761

Information Phone Number: (909) 987-0550

E-mail: info@pacertechnology.com

1.4 Emergency Telephone Number:

Emergency Spill Information: CHEMTREC Domestic North America: (800) 424-9300
CHEMTREC International: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

GHS/CLP Regulation (EC) No 1272/2008:

Physical	Health	Environment
Not Classified	Eye Irritant Category 2 (H319) Skin Irritant Category 2 (H315) Skin Sensitizer Category 1 (H317)	Aquatic Chronic Toxicity Category 2 (H411)

2.2 Label Elements:

Warning!



Contains: Epoxy Resin, Diglycidyl ether compound

Hazard Phrases

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Phrases

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.

P280	Wear protective gloves and eye protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P362	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

Chemical Name	CAS#	EINECS#	CLP Annex VI Classification	%
Epoxy Resin (MW \leq 700)	25068-38-6	500-033-5	Eye Irrit. Cat 2 (H319), Skin Irrit. Cat 2 (H315), Skin Sens. Cat 1 (H317), Aquatic Chronic Cat 2 (H411)	60-100
Diglycidyl ether compound	Proprietary	Proprietary	Eye Irrit. Cat 2 (H319), Skin Irrit. Cat 2 (H315), Skin Sens. Cat 1 (H317), Aquatic Chronic Cat 2 (H411)	10-30
Terphenyl, hydrogenated	61788-32-7	262-967-7	Aquatic Chronic Cat 4 (H413)	1-5

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye: Immediately flush eyes with large quantities of water for several minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and shoes. Flush skin with water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Get medical attention if irritation or symptoms of exposure occurs and persist.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. If irritation or discomfort occurs, get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: May cause moderate eye and skin irritation. May cause skin sensitization. Inhalation of mists or vapors may cause respiratory tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention should not be required.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

5.2 Special Hazards Arising from the Substance or Mixture:

Unusual Fire and Explosion Hazards: None known.

Combustion Products: Oxides of carbon, phenolics, aldehydes, acids, and other toxic or irritating compounds.

5.3 Advice for Fire-Fighters:

Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed

containers with water. Contain water used in firefighting from entering sewers or natural waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with eyes, skin or clothing. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Avoid breathing mists or vapors. Ventilate area.

6.2 Environmental Precautions:

Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

6.3 Methods and Material for Containment and Cleaning Up:

Cover with an inert absorbent material and collect into an appropriate container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid breathing mists or vapors. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wear appropriate protective clothing as described in Section 8. Wash thoroughly after handling. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a container in a cool, well-ventilated location away from incompatible materials. Keep container tightly closed when not in use. Ideal storage temperature 21°C (70°F). Keep away from sunlight and sources of ignition. Keep in original container. Protect from freezing.

7.3 Specific end use(s): Consumer use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Epoxy Resin (MW ≤700)	None Established
Diglycidyl ether compound	None Established
Terphenyl, hydrogenated	0.5 ppm TWA Belgium OEL

8.2 Exposure Controls:

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Personal Protective Equipment:

Respiratory Protection: If needed, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Impervious gloves such as rubber gloves are suggested to prevent skin contact. Contact your glove supplier for selection assistance. In Europe follow EN 374.

Eye Protection: Chemical safety goggles are recommended where splashing is possible. In Europe follow EN 166.

Other Protective Equipment: Impervious clothing is required to prevent skin contact and contamination of personal clothing. In Europe follow EN 13034. An eye wash facility and safety shower should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Light yellow viscous liquid	Vapor Density: No data available
Odor: Mild odor	Solubility(ies): Insoluble in water

Odor Threshold: No data available	Partition Coefficient (Octanol/Water): No data available
pH: No data available	Auto-ignition Temperature: No data available
Melting Point/Freezing Point: No data available	Decomposition Temperature: No data available
Initial Boiling Point/Range: No data available	Viscosity: 10000-14000 mPa·S @ 25°C (77°F)
Flash Point: >93°C (>200°F)	Explosive Properties: Not explosive
Evaporation Rate: No data available	Oxidizing Properties: Not an oxidizer
Flammable Limits: LEL: No data available UEL: No data available	Relative Density: 1.15 g/cc @ 25°C (77°F)
Vapor Pressure: No data available	Flammability (solid, gas): Not applicable

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive

10.2 Chemical Stability: Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur. Product may react if exposed to oxidizing materials, acids or bases.

10.4 Conditions to Avoid: Avoid temperatures above 148°C (300°F).

10.5 Incompatible Materials: Strong acids, oxidizing agents, mineral and organic bases and especially aliphatic amines.

10.6 Hazardous Decomposition Products: Combustion will produce oxides of carbon, phenolics, aldehydes, acids, and other toxic or irritating compounds. Other organic substances may be formed during combustion (>260°C/>500°F) temperature degradation.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye: Direct contact may cause moderate eye irritation.

Skin: May cause moderate skin irritation. May cause an allergic skin reaction (sensitization).

Inhalation: Inhalation of mists or vapors may cause respiratory tract irritation with coughing and sneezing.

Ingestion: May cause gastrointestinal tract irritation.

Chronic Hazards: None known.

Acute Toxicity Values:

Epoxy Resin: Oral rat LD50: >2000 mg/L, Skin rabbit LD50: >23032 mg/kg

Diglycidyl ether compound: No toxicity data available

Terphenyl, hydrogenated: Oral rat LD50: >10000 mg/kg, Inhalation rat LC50: >4.7 mg/L/4hr, Skin rabbit LD50: >2000 mg/kg

Skin corrosion/irritation: Epoxy Resin: Found to be slightly to moderately irritating to rabbit skin.

Eye damage/irritation: Epoxy Resin: Found to be slightly irritating to rabbit eyes.

Respiratory Irritation: No data available.

Respiratory Sensitization: No data available.

Skin Sensitization: Epoxy Resin: Sensitizing in Mouse Local Lymphnode assay (LLNA) and Guinea pig maximization test.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH and the EU CLP.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Epoxy Resin: 96 hr LC50 Rainbow trout: 1.2-3.6 mg/L, 48 hr EC50 Daphnia magna: 1.1-2.8 mg/L, 21 day NOEC Daphnia magna: 0.3 mg/L

Terphenyl, hydrogenated: 96 hr LC50 Fathead minnow: 1000 mg/L

This product is classified as toxic to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

12.2 Persistence and Degradability: Epoxy Resin: Not biodegradable- 12% in 28 days.

12.3 Bioaccumulative Potential: Epoxy Resin: Bio concentration potential is moderate (BCF 100 - 3000 or Log Pow 3-5)

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB Assessment: No data available

12.6 Other Adverse Effects: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
EU ADR/RID	UN3316	CHEMICAL KIT	9	III	Not applicable
IMDG	UN3316	CHEMICAL KIT	9	III	Marine Pollutant
IATA/ICAO	UN3316	CHEMICAL KIT	9	III	Yes

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

EUROPEAN REGULATIONS

REACH: These products comply with REACH regulation as applicable. For more information, contact Pacer Technology.

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None.

15.2 Chemical Safety Assessment: No data available

SECTION 16: OTHER INFORMATION

Date of Current Revision: October 31, 2017

Revision Summary: Section 14

Date of Previous Revision: August 14, 2015

GHS Classification for Reference (See Sections 3):

Aquatic Chronic Cat 2 Aquatic Chronic Toxicity Category 2

Eye Irrit. Cat 2 Eye Irritant Category 2

Skin Irrit. Cat 2 Skin Irritant Category 2

Skin Sens. Cat 1 Skin Sensitizer Category 1

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

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This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Pacer Technology shall not be held liable for any damage resulting from handling or from contact with the above product.

SAFETY DATA SHEET

This Safety Data Sheet has been prepared to comply with the EU Regulation No. 1907/2006 and 2015/830.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name: EPOXY METAL SYRINGE BREAK OFF TIP (48) - HARDENER

Part Number: 11710117_15212 - HARDENER

SDS Date of Preparation: August 14, 2015

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Hardener for Metal Epoxy Resin. This product is part of a two part product. Read and understand the hazard information on the SDS for the Metal Epoxy Resin before using this product.

Uses Advised Against: None known.

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: Pacer Technology
3281 E. Guasti Rd., Suite 260
Ontario, CA 91761

Information Phone Number: (909) 987-0550

E-mail: info@pacertechnology.com

1.4 Emergency Telephone Number:

Emergency Spill Information: CHEMTREC Domestic North America: (800) 424-9300
CHEMTREC International: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

GHS/CLP Regulation (EC) No 1272/2008:

Physical	Health	Environment
Not Classified	Eye Damage Category 1 (H318) Skin Corrosion Category 1A (H314) Skin Sensitizer Category 1B (H317)	Not Classified

2.2 Label Elements:

Danger!



Contains: 2, 4, 6-Tris (Dimethylaminomethyl) Phenol

Hazard Phrases

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.

Precautionary Phrases

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P305 +	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

P351 + P338	Continue rinsing.
P303 + P361 + P353 + P310	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a POISON CENTER or doctor.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P405	Store locked up.
P501	Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

Chemical Name	CAS#	EINECS#	CLP Annex VI Classification	%
Epoxy Mercaptan Hardener	Proprietary	Proprietary	Not Classified	60-100
2, 4, 6-Tris (Dimethylaminomethyl) Phenol	90-72-2	202-013-9	Skin Corr. Cat 1C (H314), Eye Dam. Cat 1 (H318), Skin Sens. Cat 1B (H317)	5-10
Aluminum	7429-90-5	231-072-3	Pyr. Solid Cat 1 (H250), Water React. Cat 2 (H261)	5-10

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye: Immediately flush thoroughly with water for 20 minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses if present and easy to do. Get immediate medical attention.

Skin: Immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes. Get immediate medical attention. Launder clothing before re-use. (Discard contaminated shoes).

Inhalation: Immediately remove victim to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel. If breathing has stopped, administer artificial respiration. Get immediate medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Keep the victim calm and warm. Get immediate medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: Causes severe eye and skin irritation and burns. May cause skin sensitization. Inhalation of mists will cause severe respiratory tract irritation with possible burns. May be fatal if swallowed. Swallowing may cause severe irritation and burns to the mouth, throat, and gastrointestinal tract.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is required for all routes of exposure.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

5.2 Special Hazards Arising from the Substance or Mixture:

Unusual Fire and Explosion Hazards: None known.

Combustion Products: Oxides of carbon and sulfur, hydrogen sulfide, and other toxic or irritating compounds.

5.3 Advice for Fire-Fighters:

Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Evacuate spill area and keep unprotected personnel away. Prevent contact with eyes, skin or clothing. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Do not breathe vapors or mists. Ventilate area.

6.2 Environmental Precautions:

Report spills and releases as required to appropriate authorities.

6.3 Methods and Material for Containment and Cleaning Up:

Cover with an inert absorbent material and collect into an appropriate container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Do not breathe mists or vapors. Use with adequate ventilation. Prevent contact with the eyes, skin and clothing. Always wear impervious gloves, chemical safety goggles and protective clothing when handling this material. Wash thoroughly after handling. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a container in a cool, well-ventilated location away from incompatible materials. Keep container tightly closed when not in use. Ideal storage temperature 21°C (70°F). Keep in original container. Keep away from sunlight and sources of ignition. Avoid storage near large masses of epoxy resins.

7.3 Specific end use(s): Consumer use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Epoxy Mercaptan Hardener	None Established
2, 4, 6-Tris (Dimethylaminomethyl) Phenol	None Established
Aluminum	1 mg/m3 TWA Beligum OEL (as aluminum, metal & insoluble compounds (respirable fraction)) 4 mg/m3 (inhalable), 1.5 mg/m3 (respirable) TWA DFG MAK (as aluminum metal) 10 mg/m3 (inhalable), 4 mg/m3 (respirable) TWA UK WEL(as aluminum metal)

8.2 Exposure Controls:

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Personal Protective Equipment:

Respiratory Protection: In operations where the occupational exposure limits are exceeded, an approved respirator with applicable cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Impervious gloves are required for all operations where skin contact can occur. Contact your glove supplier for selection assistance. In Europe follow EN 374.

Eye Protection: Chemical safety goggles and face shield recommended. In Europe follow EN 166.

Other Protective Equipment: Impervious clothing is required to prevent skin contact and contamination of personal clothing. In Europe follow EN 13034. An eye wash facility and safety shower should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Light gray viscous liquid	Vapor Density: No data available
Odor: Epoxy odor	Solubility(ies): Insoluble in water
Odor Threshold: No data available	Partition Coefficient (Octanol/Water): No data available
pH: No data available	Auto-ignition Temperature: No data available
Melting Point/Freezing Point: No data available	Decomposition Temperature: No data available
Initial Boiling Point/Range: No data available	Viscosity: 60,000 -90,000 cps @ 25°C (77°F)
Flash Point: 149°C (300°F) (PMCC)	Explosive Properties: Not explosive
Evaporation Rate: No data available	Oxidizing Properties: Not an oxidizer
Flammable Limits: LEL: No data available UEL: No data available	Relative Density: 0.96
Vapor Pressure: No data available	Flammability (solid, gas): Not applicable

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive

10.2 Chemical Stability: Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur. Product may react if exposed to oxidizing agents.

10.4 Conditions to Avoid: Avoid storage near large masses of epoxy resins.

10.5 Incompatible Materials: Strong oxidizing agents and amines especially when hot.

10.6 Hazardous Decomposition Products: Combustion will produce oxides of carbon and sulfur, hydrogen sulfide, and other toxic or irritating compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye: Causes severe irritation and burns. Permanent eye injury is likely.

Skin: Causes severe skin irritation and burns. May cause allergic skin reaction (sensitization).

Inhalation: Inhalation of vapors or mists may cause severe mucous membrane and respiratory irritation and burns.

Ingestion: Swallowing may cause severe irritation and burns to the mouth, throat, and gastrointestinal tract, abdominal pain, vomiting, diarrhea and collapse.

Chronic Hazards: Prolonged or repeated contact may cause allergic skin reaction (sensitization). Repeated exposure may cause permanent damage.

Acute Toxicity Values:

Epoxy Mercaptan Hardener: No toxicity data available

2, 4, 6-Tris (Dimethylaminomethyl) Phenol: Oral rat LD50: 2169 mg/kg, Skin rat LD50: >1 mL/kg

Aluminum: Oral rat LD50: >5000 mg/kg, Inhalation rat LC50: >0.888 mg/L/4hr (no deaths)

Skin corrosion/irritation: 2, 4, 6-Tris (Dimethylaminomethyl) Phenol: Found to be corrosive following a 4 hr semi-occluded exposure on rabbit skin.

Eye damage/irritation: 2, 4, 6-Tris (Dimethylaminomethyl) Phenol: Extremely irritating to rabbit eye and is expected to probably be corrosive.

Respiratory Irritation: No data available.

Respiratory Sensitization: No data available.

Skin Sensitization: 2, 4, 6-Tris (Dimethylaminomethyl) Phenol: Mild sensitization was seen in a Guinea pig maximization test.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH and the EU CLP.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: 2, 4, 6-Tris (Dimethylaminomethyl) Phenol: 96 hr LC50 Rainbow trout: 180-<240 mg/L

This product is not expected to be harmful to the aquatic environment.

12.2 Persistence and Degradability: No data available

12.3 Bioaccumulative Potential: No data available

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB Assessment: No data available

12.6 Other Adverse Effects: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
EU ADR/RID	UN3316	CHEMICAL KIT	9	III	Not applicable
IMDG	UN3316	CHEMICAL KIT	9	III	Not applicable
IATA/ICAO	UN3316	CHEMICAL KIT	9	III	Not applicable

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

EUROPEAN REGULATIONS

REACH: These products comply with REACH regulation as applicable. For more information, contact Pacer Technology.

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None.

15.2 Chemical Safety Assessment: No data available

SECTION 16: OTHER INFORMATION

Date of Current Revision: October 31, 2017

Revision Summary: Section 14

Date of Previous Revision: August 14, 2015

GHS Classification for Reference (See Sections 3):

Eye Dam. Cat 1 Eye Damage Category 1

Pyr. Solid Cat 1 Pyrophoric Solid Category 1

Skin Corr. Cat 1C Skin Corrosion Category 1C

Skin Sens. Cat 1B Skin Sensitizer Category 1B

Water React. Cat 2 Substances and mixtures which, in contact with water, emit flammable gases Category 2

H250 Catches fire spontaneously if exposed to air.

H261 In contact with water releases flammable gas.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

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This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Pacer Technology shall not be held liable for any damage resulting from handling or from contact with the above product.