





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2129	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SET QUICK PART A	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Epoxy Gel	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Carc. 2 H351 Suspected of causing cancer. Eye Irrit. 2A H319 Causes serious eye irritation.	SIGNAL WORD: WARNING	SYMBOL:		
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Classification according to Directive 67/548/EEC or Directive 1999/45/EC

May cause eye and skin irritation. Prolonged contact may cause sensitization.

· **Information concerning particular hazards for human and environment:** The product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions.

· **Classification system:** The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

Hazard-determining components of labeling: Talc (Mg₃H₂(SiO₃)₄)

HAZARD STATEMENTS:

Causes serious eye irritation.

Suspected of causing cancer.

PRECAUTIONARY STATEMENTS:

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wear protective gloves/protective clothing/eye protection/face protection.

Use personal protective equipment as required.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Diglycidyl ether of bisphenol A homopolymer	25085-99-8	75-100

Additional information: For the wording of the listed risk phrases refer to Section 16.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Rinse opened eye for several minutes under running water. Then consult a doctor.

SKIN: If skin irritation continues, consult a doctor.

INHALATION:

Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

INGESTION:

Seek immediate medical advice. Seek medical treatment.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

No further relevant information available.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No further relevant information available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No further relevant information available.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Wear protective equipment. Keep unprotected persons away.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Inform respective authorities in case of seepage into water course or sewage system. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

REFERENCE TO OTHER SECTIONS:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. Handling and Storage

SAFE HANDLING:

Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

PROTECTION AGAINST EXPLOSIONS AND FIRES:

No special measures required.

SAFE STORAGE:

Store in a cool dry location. Store away from incompatible materials. Keep receptacle tightly sealed. No further relevant information available.

8. Exposure Controls / Personal Protection

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS:

No further data; see item 7.

CONTROL PARAMETERS:

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

ADDITIONAL INFORMATION:

The lists that were valid during the creation were used as basis.

PERSONAL PROTECTIVE EQUIPMENT:



General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Breathing equipment: In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection: Wear appropriate eye protection to prevent eye contact.

9. Physical & Chemical Properties

Appearance:		Flammability:	Not applicable.
Form:	Liquid	Flash Point:	> 93 °C (> 199 °F)
Color:	Clear	Danger of Explosion:	Product does not present an explosion hazard.
Odor:	Mild	Explosive Limit – lower (%):	Not determined.
Odor Threshold:	Not determined.	Explosive Limit – upper (%):	Not determined.
pH:	Not determined.	Vapor Pressure:	Not determined.
Melting Point/Range:	Undetermined.	Density @ 20°C(68°F):	1.2 g/cm ³ (10.014 lbs/gal)
Boiling Point/Range:	Undetermined.	Relative Density:	Not determined.
Partition Coeff (n-octanol/water):	Not determined.	Solubility (water):	Not miscible or difficult to mix.
Viscosity(kinematic/dynamic):	Not determined.	Auto-Ignition Temperature:	Product is not self-igniting.
Vapor Density:	Not determined.	Decomposition Temp:	Not determined.
Organic Solvent Content:	0.0%	Evaporation Rate:	No information available.
VOC Content:	Not determined.	Solids Content:	100.0%
		Other Information:	No further relevant information available.

10. Stability & Reactivity Information

POSSIBILITY OF HAZARDOUS REACTIONS:

Reacts with acids, alkalis and oxidizing agents.

INCOMPATIBLE MATERIALS:

No further relevant information available.

CONDITIONS TO AVOID:

No further relevant information available.

THERMAL DECOMPOSITION/CONDITIONS TO AVOID:

No decomposition if used according to specifications.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and carbon dioxide

11. Toxicological Information

ACUTE TOXICITY:

COMPONENTS	SPECIES	TEST RESULTS
LD/LC50 values that are relevant for classification:		
25085-99-8 Diglycidyl ether of bisphenol A homopolymer		
Acute		
<i>Dermal</i>		
LD50	Rabbit	20000 mg/kg
<i>Oral</i>		
LD50	Rat	5000 mg/kg
PRIMARY IRRITANT EFFECT:		
· Skin: May cause skin irritation.		
· Eye: Irritating effect.		
· Sensitization: Sensitization possible through skin contact.		
· Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Irritant		
CARCINOGENIC CATEGORIES:		
IARC (International Agency for Research on Cancer): (14807-96-6) Talc (Mg ₃ H ₂ (SiO ₃) ₄) 2B		
NTP (National Toxicology Program): None of the ingredients is listed.		
OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.		

12. Ecological Information

TOXICITY

Aquatic toxicity: No further relevant information available.

PERSISTENCE AND DEGRADABILITY:

No further relevant information available.

BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

MOBILITY IN SOIL:

No further relevant information available.

ECOTOXICAL EFFECTS:

Remark: Toxic for fish.

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

RESULTS OF PBT and vPvB ASSESSMENT:

PBT: Not applicable.

vPvB: Not applicable.

OTHER ADVERSE EFFECTS:

No further relevant information available.

13. Disposal Consideration

WASTE TREATMENT METHOD:

Must not be disposed of as normal garbage. Do not allow product to reach sewage system. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

UNCLEANED PACKAGINGS:

Disposal must be made according to Federal, State, and Local regulations.

14. Transportation Information

UN-Number

- **IMDG** UN3082
- **IATA** Not regulated.

UN proper shipping name

IMDG Environmentally hazardous substance, liquid, n.o.s. (epoxy resin), marine pollutant

- **IATA** Not regulated.

Transport hazard class(es)

DOT



Class: N/A

ADR Class: N/A

IMDG



Class 9: Miscellaneous dangerous substances and articles

IATA

Class Not regulated.

Packing group

· **DOT, ADR, IMDG, IATA III**
Environmental hazards:
Marine pollutant: Yes. Symbol (fish and tree).
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
 Not applicable.
Transport/Additional information:
DOT
Remarks: Add "Marine Pollutant" to end of proper shipping name if shipping in a bulk container (>119 gallons). Special marking with the symbol (fish and tree). Not Regulated for Transport.
ADR
Remarks: Not Regulated for Transport.
 · **U.S. Domestic Ground Shipments:** Same as listed for Standard Shipments above.
 · **U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:** Same as listed for Standard Shipments above.
 · **Emergency Response Guide (ERG) Number:** Not determined
IMDG
Limited quantities (LQ) 5L
Excepted quantities (EQ) Code: E1. Maximum net quantity per inner packaging: 30 ml. Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":
 N/A, III

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture/Sara:
Section 355 (extremely hazardous substances): None of the ingredient is listed.
Section 313 (Specific toxic chemical listings): This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below. None of the ingredients is listed.
TSCA (Toxic Substances Control Act): All ingredients are listed.
PROPOSITION 65:
Chemicals known to the State of California (Prop. 65) to cause cancer: None of the ingredients is listed.
Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.
Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.
Chemicals known to cause developmental toxicity: None of the ingredients is listed.
CARCEROGENICITY CATEGORIES:
EPA (Environmental Protection Agency): None of the ingredients is listed.
TLV (Threshold Limit Value established by ACGIH): 14807-96-6 Talc (Mg3H2(SiO3)4) A4
MAK (German Maximum Workplace Concentration): 14807-96-6 Talc (Mg3H2(SiO3)4) 3B
NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.
CHEMICAL SAFETY ASSESSMENT:
 A Chemical Safety Assessment has not been carried out.

16. Other Information

Abbreviations and acronyms:
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
 Carc. 2: Carcinogenicity, Hazard Category 2
 N/A = Not Applicable; N/D = Not Determined

NFPA	Health Hazards: 1	Flammability: 1	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 1	Flammability: 1	Physical hazards: 0	Personal protection:

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2129	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SET QUICK PART B	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Epoxy Gel Anchor	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Classification of the substance or mixture Repr. 2 H361 Suspected of damaging fertility or the unborn child. Skin Corr. 1B H314 Causes severe skin burns and eye damage. Acute Tox. 4 H332 Harmful if inhaled. Skin Sens. 1 H317 May cause an allergic skin reaction.	SIGNAL WORD: DANGER	SYMBOL:			
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CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC or DIRECTIVE 1999/45/EC:

Not applicable.

INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN & ENVIRONMENT:

The product has to be labelled due to internationally acknowledged calculation procedures using the latest valid versions.

CLASSIFICATION SYSTEM:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

HAZARD DETERMINING COMPONENTS OF LABELING:

m-phenylenebis(methylamine)
nonylphenol
cyclohex-1,2-ylenediamine
hexamethylenediamine

HAZARD STATEMENTS:

Harmful if inhaled.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

PRECAUTIONARY STATEMENTS:

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Do not breathe dust/fume/gas/mist/vapors/spray.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
m-phenylenebis(methylamine)	1477-55-0	10-25%
nonylphenol	25154-52-3	10-25%
cyclohex-1,2-ylenediamine	694-83-7	≤ 10%

SVHC

nonylphenol	25154-52-3
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Additional information: For the wording of the listed risk phrases refer to Section 16.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL INFORMATION: Immediately remove any clothing soiled by the product.

INHALATION:

Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

SKIN: If skin irritation continues, consult a doctor.

EYE: Rinse opened eye for several minutes under running water. Then consult a doctor.

INGESTION:

Drink copious amounts of water and provide fresh air. Immediately call a doctor. Seek medical treatment.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

No further relevant information available.
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
No further relevant information available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No further relevant information available.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Wear protective equipment. Keep unprotected persons away.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Do not allow product to reach sewage system or any water course. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.

REFERENCE TO OTHER SECTIONS:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. Handling and Storage

SAFE HANDLING:

Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

PROTECTION AGAINST EXPLOSIONS AND FIRES:

No special measures required.

SAFE STORAGE:

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES: Store in a cool dry location.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY: Store away from incompatible materials.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS: Keep receptacle tightly sealed.

SPECIFIC END USE(S) No further relevant information available.

8. Exposure Controls / Personal Protection

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS:

No further data; see Section 7.

CONTROL PARAMETERS:

Components with limit values that require monitoring at the workplace:

1477-55-0 M-PHENYLENEBIS(METHYLAMINE)

REL	Ceiling limit value: 0.1 mg/m ³ Skin
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TLV	Ceiling limit value: 0.1 mg/m ³ Skin
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124-09-4 HEXAMETHYLENEDIAMINE

TLV	Long-term value: 2.3 mg/m ³ , 0.5 ppm
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WEEL	Long-term value: 1 ppm
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ADDITIONAL INFORMATION:

The lists that were valid during the creation were used as basis.

PERSONAL PROTECTIVE EQUIPMENT:



General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases/fumes/aerosols.
Avoid contact with the eyes and skin.

Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection: Wear appropriate eye protection to prevent eye contact.

9. Physical & Chemical Properties

Appearance:		Flammability:	Not applicable.
Form:	Liquid	Flash Point:	> 94 °C (> 201 °F)
Color:	Grey	Danger of Explosion:	Product does not present an explosion hazard.
Odor:	Distinctive	Explosive Limit – lower (%):	1.0 Vol %
Odor Threshold:	Not determined.	Explosive Limit – upper (%):	10.5 Vol %

pH:	Not determined.	Vapor Pressure:	Not determined.
Melting Point/Range:	Undetermined.	Density @ 20°C):	1.776 g/cm ³ (14.821 lbs/gal)
Boiling Point/Range:	Undetermined.	Relative Density:	Not determined.
Partition Coeff (n-octanol/water):	Not determined.	Solubility (water):	Not miscible or difficult to mix.
Viscosity(kinematic/dynamic):	Not determined.	Auto-Ignition Temperature:	Product is not self-igniting.
Vapor Density:	Not determined.	Decomposition Temp:	Not determined.
Organic Solvent Content:	0.0%	Evaporation Rate:	Not determined.
VOC Content:	Not determined.	Solids Content:	100.0%
Ignition Temperature:	370 °C (698 °F)	Other Information:	No further relevant information available.

10. Stability & Reactivity Information

POSSIBILITY OF HAZARDOUS REACTIONS:

Reacts with acids, alkalis and oxidizing agents.

INCOMPATIBLE MATERIALS:

No further relevant information available.

CONDITIONS TO AVOID:

No further relevant information available.

THERMAL DECOMPOSITION/CONDITIONS TO AVOID:

No decomposition if used according to specifications.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and carbon dioxide
Nitrogen oxides

11. Toxicological Information

ACUTE TOXICITY:

COMPONENTS	SPECIES	TEST RESULTS
LD/LC50 values that are relevant for classification:		
1477-55-0 m-phenylenebis(methylamine)		
Acute		
<i>Dermal</i>		
LC50/4 h		
<i>Inhalative</i>		
	Rat	2.4 mg/l
<i>Oral</i>		
LD50	Rat	1040 mg/kg
25154-52-3 NONYLPHENOL		
<i>Oral</i>		
LD50	Rat	1620 mg/kg
124-09-4 HEXAMETHYLENEDIAMINE		
<i>Oral</i>		
LD50	Rat	750 mg/kg
<i>Dermal</i>		
LD50	Rabbit	1110 mg/kg
PRIMARY IRRITANT EFFECT:		
· Skin: Caustic effect on skin and mucous membranes.		
· Eye: Strong caustic effect.		
· Sensitization: Sensitization possible through skin contact.		
· Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Irritant, Corrosive		
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.		
CARCINOGENIC CATEGORIES:		
IARC (International Agency for Research on Cancer): None of the ingredients is listed.		
NTP (National Toxicology Program): None of the ingredients is listed.		
OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.		

12. Ecological Information

TOXICITY

Aquatic toxicity: No further relevant information available.

PERSISTENCE AND DEGRADABILITY:

No further relevant information available.

BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

MOBILITY IN SOIL:

No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water
Must not reach bodies of water or drainage ditch undiluted or un-neutralized.

PBT: Not applicable.

vPvB: Not applicable.

OTHER ADVERSE EFFECTS:

No further relevant information available.

13. Disposal Consideration

WASTE TREATMENT METHOD:

Must not be disposed of as normal garbage. Do not allow product to reach sewage system. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

UNCLEANED PACKAGINGS:

Disposal must be made according to Federal, State, and Local regulations.

14. Transportation Information

UN-Number

· **IMDG, IATA, ADR, DOT** UN1760

UN proper shipping name

· **IMDG** Corrosive liquids, n.o.s. (nonylphenol) MARINE POLLUTANT
· **IATA** Corrosive liquids, n.o.s. (nonylphenol)
· **DOT** Corrosive liquids, n.o.s. (nonylphenol)
ADR 1760 Corrosive liquids, n.o.s (nonylphenol) ENVIRONMENTALLY HAZARDOUS

Transport hazard class(es)

DOT



Class: 8 Corrosive substances

LABEL: 8

IMDG, ADR



Class 9: Corrosive substances

LABEL: 8

IATA



Class Not Regulated

LABEL: 8

Packing group

· **DOT, ADR, IMDG, IATA** III

Environmental hazards:

Marine pollutant:

Yes. Symbol (fish and tree).

Special marking (ADR):

Symbol (fish and tree).

Special precautions for user:

Warning: Corrosive substances

EMS Number: F-A,S-B

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable.

Transport/Additional information:

DOT

Remarks: Add "Marine Pollutant" to end of proper shipping name if shipping in a bulk container (>119 gallons). Special marking with the symbol (fish and tree).

ADR

· **Excepted quantities (EQ):** Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **U.S. Domestic Ground Shipments:** Same as listed for Standard Shipments above.

· **U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:** Same as listed for Standard Shipments above.

· **Emergency Response Guide (ERG) Number:** Not determine

IMDG

Limited quantities (LQ) 5L

Excepted quantities (EQ) Code: E1. Maximum net quantity per inner packaging: 30 ml. Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN1760 Corrosive liquids, n.o.s (nonylphenol) ENVIRONMENTALLY HAZARDOUS, 8, III

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture/Sara

Section 355 (extremely hazardous substances): None of the ingredient is listed.

Section 313 (Specific toxic chemical listings): This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below. None of the ingredients is listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65**Chemicals known to the State of California (Prop. 65) to cause cancer:** None of the ingredients is listed.**Chemicals known to cause reproductive toxicity for females:** None of the ingredients is listed.**Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed.**Chemicals known to cause developmental toxicity:** None of the ingredients is listed.**CARCEROGENICITY CATEGORIES:****EPA (Environmental Protection Agency):** None of the ingredients is listed.**TLV (Threshold Limit Value established by ACGIH):** None of the ingredients is listed**MAK (German Maximum Workplace Concentration):** None of the ingredients is listed**NIOSH-Ca (National Institute for Occupational Safety and Health):** None of the ingredients is listed.**NATIONAL REGULATIONS:****Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**CHEMICAL SAFETY ASSESSMENT:**

A Chemical Safety Assessment has not been carried out.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Environmental, Health & Safety Department**Contact:** Environmental, Health & Safety Manager**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute Toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Skin Sen. 1: Sensitisation – Skin, Hazard Category 1

Repr 2: Reproductive toxicity, Hazard Category 2

NFPA	Health Hazards: 3	Flammability: 1	Instability: 2	Physical & Chemical Properties:
HMIS	Health Hazards: 3	Flammability: 1	Physical hazards: 2	Personal protection:

DISCLAIMER:

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