

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • **Alpha E-30 Emulsion**
Product Description • Blue liquid.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Water-based emulsion

1.3 Details of the supplier of the safety data sheet

Manufacturer • IKONICS Corporation
4832 Grand Ave.
Duluth, MN 55807
United States
www.ikonics.com
sds@ikonics.com

Telephone (General) • (218) 628-2217
• (800) 328-4261 - Toll free

1.4 Emergency telephone number

Chemtrec • 1-800-424-9300 - Within USA and Canada
• +1 703-527-3887 - Outside USA and Canada (collect calls accepted)

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

2.1 Classification of the substance or mixture

CLP • Skin Irritation 2 - H315
Skin Sensitization 1 - H317
Eye Irritation 2 - H319
EUH208

2.2 Label Elements

CLP

WARNING



Hazard statements • H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
EUH208 - Contains sensitizing substance (aromatic acrylate; Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol; Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl); Ethanol, 2-phenoxy-, acrylate). May produce an allergic reaction.

Precautionary statements

Prevention • P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray.

P264 - Wash 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.
 - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 - P362 - Take off contaminated clothing and wash before reuse.
 - 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.
 - P321 - Specific treatment, see supplemental first aid information.

- Storage/Disposal**
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other Hazards

CLP

- No data available

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2.1 Classification of the substance or mixture

UN GHS

- Skin Irritation 2
- Skin Sensitization 1
- Eye Irritation 2

2.2 Label elements

UN GHS

WARNING



- Hazard statements**
- Causes skin irritation
 - May cause an allergic skin reaction
 - Causes serious eye irritation

Precautionary statements

- Prevention**
- Avoid breathing dust, fume, gas, mist, vapors and/or spray.
 - Wash thoroughly after handling.
 - Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response**
- IF ON SKIN: Wash with plenty of soap and water.
 - If skin irritation or rash occurs: Get medical advice/attention.
 - Take off contaminated clothing and wash before reuse.
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - If eye irritation persists: Get medical advice/attention.
 - Specific treatment, see supplemental first aid information.

- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

UN GHS

- No data available

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Skin Irritation 2
- Skin Sensitization 1
- Eye Irritation 2

2.2 Label elements

OSHA HCS 2012

WARNING



- Hazard statements**
- Causes skin irritation
 - May cause an allergic skin reaction
 - Causes serious eye irritation

Precautionary statements

- Prevention**
- Avoid breathing dust, fume, gas, mist, vapors and/or spray.
 - Wash thoroughly after handling.
 - Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response**
- IF ON SKIN: Wash with plenty of soap and water.
 - If skin irritation or rash occurs: Get medical advice/attention.
 - Take off contaminated clothing and wash before reuse.
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - If eye irritation persists: Get medical advice/attention.
 - Specific treatment, see supplemental first aid information.

- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

OSHA HCS 2012

- No data available

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Other Toxic Effects - D2B

2.2 Label elements

WHMIS



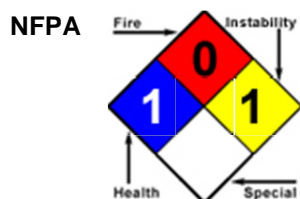
- Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

- No data available

2.4 Other information



See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

3.1 Substances

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
aromatic acrylate	NDA	10% TO 15%		WHMIS: UN GHS: Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1 EU CLP: OSHA HCS 2012:	NDA
Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	CAS: 15625-89-5 EC Number: 239-701-3 EU Index: 607-111-00-9 EINECS: 239-701-3	5% TO 10%	Ingestion/Oral-Rat LD50 • 5190 µL/kg Skin-Rabbit LD50 • 5170 mg/kg	WHMIS: UN GHS: Skin Irrit. 2; Eye Irrit. 2A; Skin Sens. 1 EU CLP: OSHA HCS 2012:	NDA
Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	CAS: 162881-26-7 EC Number: 423-340-5 EU Index: 015-189-00-5	0.1% TO 1%		WHMIS: UN GHS: Skin Sens. 1; Aquatic Chronic 3 EU CLP: OSHA HCS 2012:	NDA
Ethanol, 2-phenoxy-, acrylate	CAS: 48145-04-6 EINECS: 256-360-6	0.1% TO 1%		WHMIS: UN GHS: Skin Sens. 1; Aquatic Chronic 2 EU CLP: OSHA HCS 2012:	NDA

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

4.1 Description of first aid measures

- Inhalation**
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration and call 911 or emergency medical service.
- Skin**
- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
- Eye**
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Rinse mouth. Never give anything by mouth to an unconscious person. If large quantities are swallowed, call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Section 5 - Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media**
- SMALL FIRES: Dry chemical, CO₂, water spray or regular foam.
 - LARGE FIRE: Water spray, fog or regular foam.

Unsuitable Extinguishing Media • No data available

Firefighting Procedures • **LARGE FIRES:** Use extinguishing agent suitable for type of surrounding fire. Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
Keep unauthorized personnel away.
Ventilate closed spaces before entering.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Some of these materials may burn, but none ignite readily.

Hazardous Combustion Products • Products of combustion include: carbon oxides (COx).

5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions • Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas.

Emergency Procedures • No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

6.2 Environmental precautions

- **LARGE SPILLS:** Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures • Use appropriate Personal Protective Equipment (PPE)
Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling • Use good safety and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Storage • Keep container closed when not in use. Store away from extreme heat. Do not freeze.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Control Notations
Germany DFG

•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (15625-89-5): **Sensitizers:** (skin sensitizer)

8.2 Exposure controls

Engineering Measures/Controls • Local exhaust is recommended but not required. Provide adequate ventilation as necessary.

Personal Protective Equipment

Pictograms



Respiratory • Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face • Wear protective eyewear (goggles, face shield, or safety glasses).

Hands • Wear protective gloves - rubber or neoprene.

Skin/Body • Wear protective clothing - apron or other impervious body coverings.

General Industrial Hygiene Considerations • Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls • No data available

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Viscous liquid.
Color	Blue	Odor	Mild
Odor Threshold	No data available	Physical and Chemical Properties	UV reactive.
General Properties			
Boiling Point	100 °C(212 °F)	Melting Point/Freezing Point	No data available
Decomposition Temperature	Not relevant	pH	No data available
Specific Gravity/Relative Density	= 1.04 Water=1	Density	8.69 lbs/gal
Water Solubility	Miscible	Viscosity	11000 Centipoise (cPs, cP) or mPas @ 25 °C(77 °F)
Explosive Properties	Not relevant	Oxidizing Properties:	Not relevant
Volatility			
Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	No data available	VOC (Vol.)	Not relevant
Volatiles (Wt.)	65 to 70 %	Volatiles (Vol.)	
Flammability			
Flash Point	No data available	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Flame Extension	Not relevant	Flammability (solid, gas)	Not relevant
Environmental			
Half-Life	No data available	Octanol/Water Partition coefficient	No data available
Coefficient of water/oil distribution	No data available	Bioaccumulation Factor	No data available
Bioconcentration Factor	No data available	Biochemical Oxygen Demand BOD/BOD5	No data available
Chemical Oxygen Demand	No data available	Persistence	No data available
Degradation	No data available		

9.2 Other Information

- Polymerizes to solid/semisolid form upon exposure to UV radiation.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- UV reactive.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Avoid freezing. Excess heat.

10.5 Incompatible materials

- No data available

10.6 Hazardous decomposition products

- No decomposition is expected under normal storage and use conditions. Hazardous decomposition products formed under fire conditions - carbon oxides (COx).

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (5% TO 10%)	15625-89-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 5190 µL/kg; Irritation: Eye-Rabbit • 100 mg • Moderate irritation; Skin-Human • 0.5 % 48 Hour(s); Skin-Rabbit • 500 mg 24 Hour(s) • Moderate irritation

GHS Properties	Classification
Acute toxicity	EU/CLP• UN GHS• OSHA HCS 2012•
Skin corrosion/Irritation	EU/CLP•Skin Irritation 2 UN GHS•Skin Irritation 2 OSHA HCS 2012•Skin Irritation 2
Serious eye damage/Irritation	EU/CLP•Eye Irritation 2 UN GHS•Eye Irritation 2 OSHA HCS 2012•Eye Irritation 2
Skin sensitization	EU/CLP•Skin Sensitizer 1 UN GHS•Skin Sensitizer 1 OSHA HCS 2012•Skin Sensitizer 1
Respiratory sensitization	EU/CLP• UN GHS• OSHA HCS 2012•
Aspiration Hazard	EU/CLP• UN GHS• OSHA HCS 2012•
Carcinogenicity	EU/CLP• UN GHS• OSHA HCS 2012•
Germ Cell Mutagenicity	EU/CLP• UN GHS• OSHA HCS 2012•
Toxicity for Reproduction	EU/CLP• UN GHS• OSHA HCS 2012•
STOT-SE	EU/CLP• UN GHS• OSHA HCS 2012•
STOT-RE	EU/CLP• UN GHS•

Route(s) of entry/exposure • Skin, Eye

Potential Health Effects

Inhalation

Acute (Immediate)

- May cause irritation.

Chronic (Delayed)

- Repeated and prolonged exposure may cause irritation.

Skin

Acute (Immediate)

- Causes skin irritation. May cause an allergic skin reaction.

Chronic (Delayed)

- Repeated and prolonged exposure may cause sensitization.

Eye

Acute (Immediate)

- Causes serious eye irritation.

Chronic (Delayed)

- Repeated and prolonged exposure may be harmful.

Ingestion

Acute (Immediate)

- May cause irritation.

Chronic (Delayed)

- No specific information available.

Section 12 - Ecological Information

12.1 Toxicity

Components		
Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl) (0.1% TO 1%)	162881-26-7	Aquatic Toxicity-Fish: 96 Hour(s) LC50 <i>Brachydanio rerio</i> 0.09 mg/kg Aquatic Toxicity-Crustacea: 48 Hour(s) EC50 <i>Daphnia magna</i> 1.175 mg/kg

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

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of container in accordance with local, regional, national, and/or international regulations.

13.2 Other Information

- Dispose of wastes in an approved waste disposal facility.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	NDA	NDA	NDA	NDA
IMO/IMDG	NDA	NDA	NDA	NDA	NDA

IATA/ICAO	NDA	NDA	NDA	NDA	NDA
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14.6 Special precautions for user • None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Not relevant.

14.8 Other information

DOT • Not regulated.

IMO/IMDG • Not regulated.

IATA/ICAO • Not regulated.

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Acute

Inventory						
Component	CAS	Australia AICS	Canada DSL	China	EU EINECS	EU ELNICS
Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Yes	Yes	Yes	Yes	No
Ethanol, 2-phenoxy-, acrylate	48145-04-6	Yes	Yes	Yes	Yes	No
Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Yes	Yes	Yes	No	Yes
Inventory (Con't.)						
Component	CAS	Japan ENCS	Korea KECL	New Zealand	Philippines PICCS	Switzerland SWISS
Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Yes	Yes	Yes	Yes	No
Ethanol, 2-phenoxy-, acrylate	48145-04-6	Yes	Yes	Yes	Yes	No
Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Yes	No	Yes	Yes	Yes
Inventory (Con't.)						
Component	CAS	TSCA				
Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Yes				
Ethanol, 2-phenoxy-, acrylate	48145-04-6	Yes				
Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Yes				

Australia

Labor

Australia - List of Designated Hazardous Substances - Classification

- Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol 15625-89-5 Xi R36/38, R43
- Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl) 162881-26-7 R43, R53
- Ethanol, 2-phenoxy-, acrylate 48145-04-6 Not Listed

Canada

Labor

Canada - WHMIS - Classifications of Substances

- Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol 15625-89-5 D2B
- Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl) 162881-26-7 Not Listed

•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Not Listed
Denmark		
Environment		
Denmark - Advisory List for Self-Classification of Dangerous Substances		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Not Listed
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Not Listed
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Carc.Cat.3; R40 N; R50 Xi; R38
Europe		
Other		
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Xi; R36/38 R43
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	R43 R53
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Xi R:36/38-43 S:(2)-39
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Xi R:43-53 S:(2)-22-24-37-61
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	D
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Not Listed
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	S:(2)-39
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	S:(2)-22-24-37-61
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Not Listed
Germany		
Environment		
Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	ID Number 1845, hazard class 1 - low hazard to waters
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Not Listed
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Not Listed
Germany - Water Classification (VwVwS) - Annex 3		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Not Listed
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	ID Number 2126, hazard class 1 - low hazard to waters
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	ID Number 7288, hazard class 2 - hazard to waters
Japan		
Other		
Japan - Chemical Substance Control Law (CSCL) - Examined Existing Chemical Substances		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Non-biodegradable/Low bioconcentration
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Not Listed
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Not Listed
Japan - Fire Service Law - Hazardous Materials		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Group 4 - Flammable liquids III (listed under 3rd Class petroleums - insoluble)
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	Not Listed
•Ethanol, 2-phenoxy-, acrylate	48145-04-6	Group 4 - Flammable liquids III (listed under 3rd Class petroleums - insoluble)
Korea		
Labor		
Korea - ISHA - Name, Toxicity and Protective Measures of New Chemical Substances		
•Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	15625-89-5	Not Listed
•Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl)	162881-26-7	(0485)

•Ethanol, 2-phenoxy-, acrylate

48145-04-6 Not Listed

United States

Environment

U.S. - EPA - Designated Generic Categories - Certain Glycol Ethers

- Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol 15625-89-5 Not Listed
- Phosphine oxide, phenylbis (2,4,6-trimethyl benzoyl) 162881-26-7 Not Listed
- Ethanol, 2-phenoxy-, acrylate 48145-04-6

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

15.3 Other Information

- California Proposition 65: This product contains or may contain a substance(s) known to the State of California to cause cancer and/or reproductive toxicity:
Formaldehyde CAS No. 50-00-0 <0.04%
1,4-Dioxane CAS No. 123-91-1 <0.00008%

Section 16 - Other Information

Relevant Phrases (code & full text)

- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray.
- P264 - Wash 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.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 - Specific treatment, see supplemental first aid information.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P362 - Take off contaminated clothing and wash before reuse.
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Classification method for mixtures

- Calculation method.

Last Revision Date

- N/A

Preparation Date

- 29 January 2016

Other Information

- Approved by: Troy Bergstedt, Director of Chemical Research, (218) 628-2217 ext.142.

Disclaimer/Statement of Liability

- The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under direct supervision, no representation is made that the information is accurate, reliable, complete, or representative and Buyer may rely thereon only at the Buyer's risk. We make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and / or situations involving its handling and uses. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.