



Aqua Chemical Supply, Inc.

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity ECO-CHOICE Epoxy Diluent
 Relevant identified uses of the substance or mixture and uses advised against
 Manufacturer/Supplier/Distributor:
 Sau-Sea Swimming Pool Products, Inc.
 1855 Highway 206 South
 Southampton, New Jersey 08088
 Emergency telephone number: For emergency assistance involving chemicals call
 CHEMTREC day or night at: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Flam. Liq.	Highly Flammable liquid and vapor.
Skin Irrit.	Causes skin irritation.
Eye Irrit.	Causes serious eye irritation.
STOT SE	May cause respiratory irritation.
STOT SE	May cause drowsiness or dizziness.



Danger

H225 Highly flammable liquid and vapor.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness and dizziness.

[Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
 P235 Keep cool.
 P240 Ground / bond container and receiving equipment.
 P241 Use explosion-proof electrical / ventilating / light / equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
 P264 Wash thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water/ shower.
 P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
 P305+351+338 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 information on this label).
 P332+313 If skin irritation occurs: Get medical advice / attention.
 P337+313 If eye irritation persists: Get medical advice / attention.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P362 Take off contaminated clothing and wash before reuse.
 P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.
 P405 Store locked up.

[Disposal]: Dispose of contents / container in accordance with local / national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
NJ TRSN 222664720-5000			
CAS Number: Proprietary	50 - 75	Skin Irrit. Eye Irrit. STOT SE	[1]
Butanone			
CAS Number: 0000078-93-3	25 - 50	Flam. Liq. Eye Irrit. STOT SE	[1][2]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard. [2] Substance with a workplace exposure limit.

Composition comments: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. FIRST AID MEASURES

General In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Overview May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breath fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/Routes of Entry

Inhalation: May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue.

Eyes: Vapor and/or mist may cause eye irritation. Direct contact may cause temporary redness and discomfort.

Ingestion: May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.

Skin: May cause moderate irritation.

Acute (Immediate) Overexposure: Can lead to central nervous system depression, producing such effects as giddiness, headache, and nausea. In extreme cases, unconsciousness and death may occur.

Chronic (Delayed) Overexposure: Irritation to eyes, nose and throat. Prolonged and repeated liquid contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis.

Medical Conditions Aggravated by exposure: Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to this product.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Inhalation	May cause drowsiness or dizziness. May cause respiratory irritation.
Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.

5. FIRE FIGHTING MEASURES

Extinguishing media

Foam, Dry Chemical, Water Fog or CO₂. Do not use a direct stream of water.

Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide. Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment. Use only non-sparking tools.

Take precautionary measures against static discharge. Avoid breathing dust / fume / gas / mist / vapors / spray.

Advice for fire-fighters

Wear full fire-fighting gear (full Bunker gear) and respiratory protection (SCBA).

Vapor concentrations in enclosed areas may ignite explosively. Product may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Closed container, may burst when exposed to extreme heat. Water may be used to cool containers to minimize pressure build-up. Empty containers may contain ignitable vapors.

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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Warning: Flammable Liquid. Keep away from heat, sparks, and open flame! Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Avoid contact with material.

Small Spills: Take up with absorbent material and place in non-leaking containers. Seal tightly for proper disposal.

Large Spills: Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike, contain and keep out of water courses. If vapor cloud forms, water fog may be used to suppress. Soak up residue with absorbent material such as clay, sand, or other suitable material.

Place in non-leaking container for proper disposal. Flush area to remove trace residue.

Water Disposal Method: Comply with all applicable federal, state, and local regulations for disposal of ignitable hazard waste material used for clean-up.

7. HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin, eyes, and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, non-explosion proof motors and electrical equipment until vapors dissipate. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Keep container closed when not in use. Vapors may migrate to sources of ignition. Do not smoke, weld, generate sparks, or use flame near container. Store upright in sealed containers in a cool, dry, ventilated, warehouse location.

7.2. Conditions for safe storage, including any incompatibilities Handle containers carefully to prevent damage and spillage. Incompatible materials: Strong oxidizing agents and acids.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s) No data available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure

CAS No.	Ingredient	Source	Value
0000078-93-3	Butanone	OSHA	TWA 200 ppm (590 mg/m ³)
		ACGIH	TWA: 50 ppm STEL: 100 ppm
		NIOSH	TWA 200 ppm (590 mg/m ³) ST 300 ppm (885 mg/m ³)
		Supplier	No Established Limit
Proprietary	NJ TRSN 222664720-5000	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000078-93-3	Butanone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	NJ TRSN 222664720-5000	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Respiratory Avoid prolonged or repeated breathing of vapors. If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator to prevent overexposure. In accord with 229CFR 1910.134 use either a full-face atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Eyes Wear splash-proof chemical safety goggles. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eyewash facilities readily available.

Skin Wear clean protective clothing and footwear to prevent skin contact. Use explosion-proof ventilation, as required, to control vapor concentrations. Rubber, polyvinyl chloride, or polyethylene gloves are recommended.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
See section 2 for further details. - [Prevention]:

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless Liquid
Odor	Hydrocarbon solvent odor
Odor threshold	Not determined
pH	N/A
Melting point / freezing point	N.D.
Initial boiling point and boiling range	~194.5 F (90.3 C)
Flash Point	<70 F, <21 C Method Tag Closed Cup
Evaporation rate (Ether = 1)	~3.2 BuAc
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.13%(V) Solvent
Upper Explosive Limit:	7%(V) Solvent
Vapor pressure (Pa)	N.D.
Vapor Density	Heavier than Air
Specific Gravity	Not Available
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Available

Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Percent Volatile (by volume)	100 %
Reactivity in Water	Non-reactive in Water
Regulatory VOC (less water and exempt solvent):<= 340 g/l, VOC Method 310: 27%	

10. STABILITY AND REACTIVITY

10.1. Reactivity	Hazardous Polymerization will not occur.
10.2. Chemical stability	Stable under normal circumstances.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	Excessive heat and open flame.
10.5. Incompatible materials	Strong oxidizing agents and acids.
10.6. Hazardous decomposition products	High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity			
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.			
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.			
Ingredient			
Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr
NJ TRSN 222664720-5000 - (Proprietary)			
No data available	No data available	No data available	No data available
Butanone - (78-93-3)			
2,737.00, Rat - Category: 5	6,480.00, Rabbit -Category: NA	32.00, Mouse - Category: NA	No data available
No data available			
Classification	Category	Hazard Description	
Acute toxicity (oral)	---	Not Applicable	
Acute toxicity (dermal)	---	Not Applicable	
Acute toxicity (inhalation)	---	Not Applicable	
Skin corrosion/irritation 2		Causes skin irritation.	
Serious eye damage/irritation	2	Causes serious eye irritation.	
Respiratory sensitization	---	Not Applicable	
Skin sensitization	---	Not Applicable	
Germ cell mutagenicity	---	Not Applicable	
Carcinogenicity	---	Not Applicable	
Reproductive toxicity	---	Not Applicable	
STOT-single exposure	3	May cause drowsiness or dizziness.	
STOT-single exposure	3	May cause respiratory irritation.	
STOT-repeated exposure	---	Not Applicable	
Aspiration hazard	---	Not Applicable	

12. ECOLOGICAL INFORMATION

Aquatic Ecotoxicity			
Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
NJ TRSN 222664720-5000 - (Proprietary)	Not Available	Not Available	Not Available
Butanone - (78-93-3)	400.00, Cyprinodon variegatus	520.00, Daphnia magna	500.00 (96 hr),skeletonem

There is no data available on the preparation itself.
 12.3. Bioaccumulative potential Not Measured
 12.4. Mobility in soil No data available.
 12.5. Results of PBT and vPvB assessment This product contains no PBT/vPvB chemicals.
 12.6. Other adverse effects No data available.

13. DISPOSAL CONSIDERATION

13.1. Waste treatment methods Observe all federal, state and local regulations when disposing of this substance.

14. TRANSPORT INFORMATION

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	UN1263, Paint, 3, II	Paint	Paint
Transport hazard class(es)	DOT Hazard Class: 3	IMDG: 3	Air Class: 3
Packing group	II	II	II
Environmental hazards			
IMDG	Marine Pollutant: No;		
Special precautions for user	No further information		

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification B2 D2B

US EPA Tier II Hazards Fire: Yes

Sudden Release of Pressure: No

Reactive: No Immediate (Acute): Yes Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

Butanone (5,000.00)

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Butanone

Pennsylvania RTK Substances (>1%):

Butanone

16. OTHER INFORMATION

Notice

Aqua Chemical Supply, Inc. expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a product specification sheet and/or a certificate of analysis. These can be obtained from your local Aqua Chemical Supply, Inc. sales office.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Aqua Chemical Supply, Inc. makes no representations as to

its accuracy or sufficiency. Conditions of use are beyond Aqua Chemical Supply, Inc.'s control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein.

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