



Safety Data Sheet PolyAspar VXC Clear

Revision Date: 06/10/2025

Section 1. Identification

Product identifier

Product Identity

PolyAspar VXC Clear

Other means of identification

180A-Clear

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

See Technical Data Sheet.

Details of the supplier of the safety data sheet

Company Name

Innovative Concrete Technology
2410 McJunkin Rd,
Lakeland, FL 33803

Emergency

24 hour Emergency Telephone No.

(800) 255-3924

Customer Service:

(863) 665-8787

Section 2. Hazard(s) identification

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Flammable Liquid, category 3;H226

Flammable liquid and vapor.

Skin sensitizer category 1;H317

May cause an allergic skin reaction.

Specific target organ toxicity, repeated exposure category 2;H373

May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: (adrenal gland, kidneys, liver)

Aquatic toxicity (acute), category 3;H402

Harmful to aquatic life.

Aquatic toxicity (chronic), category 3;H412

Harmful to aquatic life with long lasting effects.

Label elements



Warning

H226 Flammable liquid and vapor.

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.



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[Prevention]

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P233 Keep container tightly closed.

P240 Ground, bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating, light, equipment.

P242 Use only non-sparking tools.

P243 Take action to prevent static discharges.

P260 Do not breathe dust, fume, mist, vapors or spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves, eye protection, and 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.

P314 Get Medical advice or attention if you feel unwell.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P362+364 Take off contaminated clothing and wash it before reuse.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]

P403+235 Store in a well ventilated place. Keep cool.

[Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does not contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the Organisation for Economic Co-operation and Development (OECD) list of Per- and Polyfluoroalkyl Substances (PFASs).



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Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
1,1'-Methylenebis[(3-methylcyclohexyl-4)-2-amino-butanedioic acid], tetraethyl ester CAS Number: 136210-32-7 Synonyms: DL-Aspartic acid, N,N'-[methylenebis(2-methyl-4,1-cyclohexanediyl)]bis-,tetraethyl ester	45 - 70	Skin sensitizer category 1;H317 Aquatic toxicity (chronic), category 3;H412	-----
Aspartic Ester CAS Number: 136210-30-5 Synonyms: No available information	30 - 60	Skin sensitizer category 1;H317 Aquatic toxicity (chronic), category 3;H412	-----
2-Butenedioic acid (E)-, diethyl ester CAS Number: 623-91-6 Synonyms: Diethyl fumarate	3 - 7	Acute toxicity(oral), category 4;H302	-----
2-ethylhexyl 3,5,5-trimethylhexanoate CAS Number: 70969-70-9 Synonyms: HEXANOIC ACID, 3,5,5-TRIMETHYL-, 2-ETHYLHEXYL ESTE, Hexanoic acid, 3,5,5-trimethyl-, 2-ethylhexyl ester	1 - 5	Specific target organ toxicity, repeated exposure category 2;H373	-----
Bis (1,2,2,6,6-pentamethyl-4-piperidinyI) sebacate CAS Number: 41556-26-7 Synonyms: Bis(pentamethyl-4-piperidyl)sebacate, Bis(pentametyl-4-piperidyl) sebacat	0.5 - 1.5	Skin sensitizer category 1;H317 Aquatic toxicity (chronic), category 1;H410 Aquatic toxicity (acute), category 1;H400	-----
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyI ester CAS Number: 82919-37-7 Synonyms: Methyl pentamethyl-4-piperidyl sebacate, Metyl pentamityl-4-piperidyl sebacat	0.1 - 1	Skin sensitizer category 1;H317 Aquatic toxicity (chronic), category 1;H410 Aquatic toxicity (acute), category 1;H400	-----

The actual concentration or concentration range is withheld as a trade secret.

*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of 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.



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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	No specific symptom data available. No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.
Skin	May cause an allergic skin reaction.

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Keep container tightly closed.

Ground, bond container and receiving equipment.

Use explosion-proof electrical, ventilating, light, equipment.

Use only non-sparking tools.

Take action to prevent static discharges.

Do not breathe dust, fume, mist, vapors or spray.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. 128

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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

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

Environmental precautions

Do not allow spills to enter drains or waterways.



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Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Incompatible materials: No data available.

See section 2 for further details. - [Storage]

Specific end use(s)

No data available.

Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
623-91-6	2-Butenedioic acid (E)-, diethyl ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
41556-26-7	Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
70969-70-9	2-ethylhexyl 3,5,5-trimethylhexanoate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
82919-37-7	Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidiny ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
136210-30-5	Aspartic Ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
136210-32-7	1,1'-Methylenebis[(3-methylcyclohexyl-4)-2-amino-butanedioic acid], tetraethyl ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit



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Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.
Eyes	Protective safety glasses recommended
Skin	Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used.
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.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid
Color	Clear
Odor	Not Available
Melting point / freezing point	-35 deg C
Initial boiling point and boiling range	139 to 141 deg C
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.9% Upper Explosive Limit: 12.3%
Flash Point	59 deg C TCC Minimum
Auto-ignition temperature	500 deg C Approximate
Decomposition temperature	Not Available
pH	Not Available
Viscosity (cSt)	0.69 cST at 25 deg C Approximate
Solubility in Water	Not Available
Partition coefficient n-octanol/water (Log Kow)	Not Available
Vapor pressure (Pa)	1.893 kPa at 38 deg C Approximate
Relative Density	0.87 at 15.5 deg C
Vapor Density	3.7 (Air = 1)
Evaporation rate (Ether = 1)	0.8 Approximate
VOC Content	Not Available



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Other information

No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials

No data available.

Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
1,1'-Methylenebis[(3-methylcyclohexyl-4)-2-amino-butanedioic acid], tetraethyl ester - (136210-32-7)	No data available.	No data available.	No data available.	No data available.	No data available.
Aspartic Ester - (136210-30-5)	No data available.	No data available.	No data available.	No data available.	No data available.
2-Butenedioic acid (E)-, diethyl ester - (623-91-6)	1,780.00, Rat - Category: 4	No data available.	No data available.	No data available.	No data available.
2-ethylhexyl 3,5,5-trimethylhexanoate - (70969-70-9)	No data available.	No data available.	No data available.	No data available.	No data available.
Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate - (41556-26-7)	> 5,000.00, Rat - Category: NA	>2,000.00, Rat - Category: 5	No data available.	No data available.	No data available.
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidiny ester - (82919-37-7)	No data available.	No data available.	No data available.	No data available.	No data available.



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Carcinogen Data

CAS No.	Ingredient	Source	Value
623-91-6	2-Butenedioic acid (E)-, diethyl ester	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
41556-26-7	Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
70969-70-9	2-ethylhexyl 3,5,5-trimethylhexanoate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
82919-37-7	Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidiny ester	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
136210-30-5	Aspartic Ester	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
136210-32-7	1,1'-Methylenebis[(3-methylcyclohexyl-4)-2-amino-butanedioic acid], tetraethyl ester	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable



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STOT-single exposure	---	Not Applicable
STOT-repeated exposure	2	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	Not Applicable

Possible routes of entry: No available information

Symptoms and effects, both acute and delayed:

No specific symptom data available.

No chronic toxicity or long term toxicity information available. Treat symptomatically.

Skin May cause an allergic skin reaction.

Section 12. Ecological information

Toxicity

Harmful to aquatic life with long lasting effects.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
1,1'-Methylenebis[(3-methylcyclohexyl-4)-2-amino-butanedioic acid], tetraethyl ester - (136210-32-7)	No data available.	No data available.	No data available.
Aspartic Ester - (136210-30-5)	No data available.	No data available.	No data available.
2-Butenedioic acid (E)-, diethyl ester - (623-91-6)	4.50, Pimephales promelas	No data available.	No data available.
2-ethylhexyl 3,5,5-trimethylhexanoate - (70969-70-9)	No data available.	No data available.	No data available.
Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate - (41556-26-7)	1.00, Lepomis macrochirus	20.00, Daphnia magna	No data available.
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidiny ester - (82919-37-7)	No data available.	No data available.	No data available.

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

Not Available

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

Other adverse effects

No data available.



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Section 13. Disposal considerations

Waste treatment methods

Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN1993	UN1993	UN1993
UN proper shipping name	Flammable liquids, n.o.s., (Ethylbenzene)	Flammable liquids, n.o.s., (Ethylbenzene)	Flammable liquids, n.o.s., (Ethylbenzene)
Transport hazard class(es)	Class: 3 Sub Class: Not Applicable	Class: 3 Sub Class: Not Applicable	Class: 3 Sub Class: Not Applicable
Packing group	III	III	III

Environmental hazards

IMDG Marine Pollutant: No;

Special precautions for user

Not Applicable

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Toxic Substance Control Act (TSCA)

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
0136210-32-7	1,1'-Methylenebis[(3-methylcyclohexyl-4)-2-amino-butanedioic acid], tetraethyl ester	Yes	PMN	ACTIVE
0000623-91-6	2-Butenedioic acid (E)-, diethyl ester	Yes		ACTIVE
0070969-70-9	2-ethylhexyl 3,5,5-trimethylhexanoate	Yes		ACTIVE
0136210-30-5	Aspartic Ester	Yes	PMN	ACTIVE
0041556-26-7	Bis (1,2,2,6,6-pentamethyl-4-piperidiny) sebacate	Yes		ACTIVE



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0082919-37-7	Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	Yes		ACTIVE
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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:

Ethylbenzene

Proposition 65 - Carcinogens (>0.0%):

Ethylbenzene

Proposition 65 - Developmental Toxins (>0.0%):

Toluene

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

Toluene

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.

Proposition 65 Label Warning:



WARNING: This product can expose you to chemicals including [Ethylbenzene], which is known to the State of California to cause cancer, and [Toluene], which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16. Other information

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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Disclaimer: The information presented herein is supplied as a guide to those who handles or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

Authored by Quantum SDS: www.sdsquantum.com

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