

Accella Polyurethane Systems

Safety Data Sheet

1. Identification of Substance:

Product Name: Foamsulate 50

Supplier Identification:
Accella Polyurethane Systems

Telephone:
(770) 607-0755

Address:
100 Enterprise Drive
Cartersville, GA 30120

24-Hr. Emergency Phone Number:
CHEMTREC (800) 424-9300

Product Use: Polyurethane polyol component

2. Hazards Identification:

GHS Ratings:

Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Aquatic toxicity	C3	Acute toxicity > 10.0 but <= 100.0 mg/l and lack of rapid degradability and log Kow >= 4 unless BCF < 500 and unless chronic toxicity > 1 mg/l

GHS Hazards

H302	Harmful if swallowed
H316	Causes mild skin irritation
H318	Causes serious eye damage
H412	Harmful to aquatic life with long lasting effects

GHS Precautions

P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER in case of overexposure.
P330	Rinse mouth
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313	If skin irritation occurs: Get medical advice/attention
P501	Dispose of contents/container in accordance with Section 13

Signal Word: Danger



3. Composition/Data on Components:

Chemical Name	CAS number	Weight Concentration %
2-Propanol, 1-chloro-, phosphate (3:1)	13674-84-5	20.00% - 30.00%
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	127087-87-0	10.00% - 20.00%
Ethanol, 2-[[2-(dimethylamino)ethyl]methylamino]-	2212-32-0	1.00% - 5.00%

4. First Aid Measures:

Inhalation: If inhaled and symptoms ensue, move to fresh air. If breathing is difficult, give oxygen.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so, and continue rinsing.

After Skin Contact: Clean affected area with soap and plenty of water.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically

5. Fire Fighting Measures:

Flash Point: >200°F, 93°C

LEL: N/A

UEL: N/A

Suitable Extinguishing Agents: Water spray, CO₂, Foam, Dry chemical

Information about Protection against Explosions and Fires: Closed containers may rupture when exposed to extreme heat.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, hydrocarbons, oxides of phosphorus, hydrocarbons, traces of HCN.

Protective Equipment: Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures:

Person-Related Safety Precautions: Avoid contact with skin and eyes.

Measures for Environmental Protection: Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations.

7. Handling and Storage:

Information for Safe Handling: Avoid contact with skin or inhalation.

Storage Requirements: Store in dry, well ventilated area. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
2-Propanol, 1-chloro-, phosphate (3:1) 13674-84-5	Not Established	Not Established	Not Established
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched 127087-87-0	Not Established	Not Established	Not Established
Ethanol, 2-[[2-(dimethylamino)ethyl]methylamino]- 2212-32-0	Not Established	Not Established	Not Established

Engineering Controls: No specific measures required.

General Protective and Hygienic Measures: Usual precautionary measures should be adhered to when handling chemicals.

Respiratory protection: None required if work area is properly ventilated.

Hand Protection: Protective chemical resistant gloves.

Eye Protection: Safety glasses.

Body Protection: Protective work clothing. Launder separately.

9. Physical and Chemical Properties:

<p>Appearance: Off white liquid</p> <p>Vapor Pressure: N/A</p> <p>Vapor Density: N/A</p> <p>Specific Gravity: 2.05</p> <p>Freezing point: N/A</p> <p>Boiling range: 100 - 342°C</p> <p>Evaporation rate: N/A</p> <p>Explosive Limits: N/A</p> <p>Autoignition temperature: N/A</p>	<p>Odor: Mild</p> <p>Odor threshold: N/A</p> <p>pH: N/A</p> <p>Melting point: N/A</p> <p>Solubility: N/A</p> <p>Flash point: >200°F, 93°C</p> <p>Flammability: N/A</p> <p>Partition coefficient (n-octanol/water): N/A</p> <p>Decomposition temperature: N/A</p>
---	--

10. Stability and Reactivity:

Incompatible Materials: Avoid contact with isocyanates and strong oxidizing agents.

Hazardous Polymerization: Not expected to occur.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, hydrocarbons, oxides of phosphorus, hydrocarbons, traces of HCN.

11. Toxicological Information:

Mixture Toxicity

Oral Toxicity LD50: 1,638mg/kg

Dermal Toxicity LD50: 3,710mg/kg

Inhalation Toxicity LC50: 21mg/L

Component Toxicity

13674-84-5 2-Propanol, 1-chloro-, phosphate (3:1)

Oral LD50: 500 mg/kg (Rat) Dermal LD50: 1,230 mg/kg (Rabbit) Inhalation LC50: 5 mg/L (Rat)

127087-87-0 Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched

Oral LD50: 960 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Rabbit)

2212-32-0 Ethanol, 2-[[2-(dimethylamino)ethyl]methylamino]-

Oral LD50: 2,000 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Rabbit) Inhalation LC50: 20 mg/L (Rat)

Toxicity Values Listed if Known

Acute Toxicity:

Eyes: Liquid may cause irritation.

Skin: Liquid may cause irritation.

Inhalation: Liquid may cause irritation.

Ingestion: Consult physician.

Chronic Effects: Possible harmful reproductive effects.

Routes of Entry : Inhalation, ingestion, skin contact, eye contact

Target Organs: Skin, Eyes, Digestive tract

Chemicals with Known or Possible Carcinogenic Effects:

12. Ecological Information:

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13. Individual component ecotoxicity listed if known.

Component Ecotoxicity

2-Propanol, 1-chloro-, phosphate (3:1)	96 Hr LC50 Brachydanio rerio: 56.2 mg/L [static]; 96 Hr LC50 Pimephales promelas: 98 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 30 mg/L [static] 48 Hr EC50 Daphnia magna: 63 mg/L 72 Hr EC50 Desmodesmus subspicatus: 45 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 4 mg/L
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	48 Hr LC50 Pimephales pormelas (fathead minnow): 3.8 - 6.2 mg/L 48 Hr EC50 Daphnia magna: 9.3 - 21.4 mg/L 16 Hr IC50 Bacteria: >1,000 mg/L

13. Disposal Considerations:

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

14. Transport Information:

Not considered a dangerous good according to transport regulations unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
---------------	-----------------------------	------------------	----------------------	---------------------

15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: Acute health hazard.

California Proposition 65**(Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute unless otherwise listed:

Massachusetts Right To Know List:

2-Propanol, 1-chloro-, phosphate (3:1) 13674-84-5 20 to 30 %

New Jersey Right To Know List:

2-Propanol, 1-chloro-, phosphate (3:1) 13674-84-5 20 to 30 %

Pennsylvania Right To Know List:

2-Propanol, 1-chloro-, phosphate (3:1) 13674-84-5 20 to 30 %

All substances on listed on TSCA unles noted:

- None

16. Other Information:

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Accella Polyurethane Systems. The data on these sheets relates only to the specific material designated herein. Accella Polyurethane Systems assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.

Date revised: 3/15/17

Reviewer Revision 1

Date Prepared: 2/20/2017