

Section 1. Identification


Trade Name : PaveSaver™ Accelerator

Supplier/Manufacturer : The D.S. Brown Company
300 East Cherry Street
North Baltimore, Ohio 45872

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call: Chemtrec 1-800-262-8200 International 01-703-741-5500.

Section 2. Hazards Identification

Hazard Description : May cause skin and eye irritation.

Hazard Pictogram : 

Signal Word : Warning

Information Pertaining to Particular Dangers for Man and 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.

NFPA Ratings (Scale 0 - 4) : Health = 2
Fire = 1
Reactivity = 0

HMIS Ratings (Scale 0 - 4) : Health = 2
Fire = 1
Personal Hazard = 0

Section 3. Composition/Information on Ingredients

Chemical Characterization : Mixture of the substances listed below with nonhazardous additions.

Dangerous Components : As follows.

Dangerous Component	CAS No.	Weight %
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	75-100%

Additional Information : For the wording of the listed risk phrases refer to section 16.

Section 4. First Aid Measures

General Information	: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
After Inhalation	: In case of unconsciousness place patient stably in side position for transportation.
After Skin Contact	: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
After Eye Contact	: Rinse opened eye for several minutes under running water. Then consult a doctor.
After Swallowing	: Immediately call a doctor. Seek medical treatment.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media	: Use fire fighting measures that suit the environment.
Protective Equipment	: 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.

Section 6. Accidental Release Measures

Person-Related Safety Precautions	: Wear protective equipment. Keep unprotected persons away.
Measures for Environmental Protection	: Do not allow product to reach sewage system or any water course.
Measures for Cleaning/Collecting	: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Section 7. Handling and Storage

Information on 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.
Information About Protection Against Explosions and Fires	: No special measures required.
Storage Requirements to Be Met by Storerooms and Receptacles	: No special requirements.
Information About Storage in One Common Storage Facility	: Not required.
Further Information About Storage Conditions	: Keep receptacle tightly sealed.

Section 8. Exposure Controls/Personal Protection

Additional Information About Design of Technical Systems : No further data; see item 7.

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 : Protective gloves.
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.

Section 9. Physical and Chemical Properties

Form : Liquid
Color : According to product specification.
Odor : Characteristic

CHANGE IN CONDITION

Melting Point/Melting Range : Undetermined
Boiling Point/Boiling Range : 100°C (212°F)
Flash Point : 148°C (298°F)
Auto Igniting : Product is not selfigniting.
Danger of Explosion : Product does not present an explosion hazard.
Density at 20°C (68°F) : 0.970 g/cm³
Solubility in / Miscibility with Water : Fully miscible.
Solvent Content : Organic solvents: 0.0%
Solids Content : 100.0%
Volatile Organic Compounds : Not determined.

Section 10. Stability and Reactivity

Thermal Decomposition / Conditions to Be Avoided	: No decomposition if used according to specifications.
Dangerous Reactions	: No dangerous reactions known.
Dangerous Products of Decomposition	: No dangerous decomposition products known.

Section 11. Toxicological Information

ACUTE TOXICITY

Primary Irritant Effect	: On the skin: May cause skin irritation. On the eye: Irritating effect.
Sensitization	: No sensitizing effects known.
Additional Toxicological Information	: The product shows the following dangers according to internally approved calculation methods for preparations: Harmful Irritant

Section 12. Ecological Information

General Notes	: Water hazard class 1 (Self-assessment): slightly hazardous for water.
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Section 13. Disposal Considerations

PRODUCT

Recommendation	: 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.
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UNCLEANED PACKAGINGS

Recommendation	: Disposal must be made according to federal, state, and local regulations.
Recommended Cleansing Agent	: Water, if necessary with cleansing agents.

Section 14. Transport Information

DOT REGULATIONS

Hazard Class	: 8
Identification Number	: UN2735
Packing Group	: III

Section 14. Transport Information *cont'd.*

Proper Shipping Name (Technical Name)	: AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylamino methyl) phenol.
Label	: 8
Limited Quantity Exemption	: No limited quantity exemption applies for this shipping class.
U.S. Domestic Ground	: Same as listed for Standard Shipments above.

SHIPMENTS

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.
Land Transport ADR/RID (Cross-Border)	: ADR/RID class: 8 Corrosive substances
UN-Number	: 2735
Packaging Group	: III
Description of Goods	: 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl) phenol)
Maritime Transport IMDG	: IMDG Class: 8
UN Number	: 2735
Label	: 8
Marine Pollutant	: No
Proper Shipping Name	: AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl) phenol)
Air Transport ICAO-TI and IATA-DGR	: ICAO/IATA Class: 8
UN/ID Number	: 2735
Label	: 8
Proper Shipping Name	: AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl) phenol)

Section 15. Regulatory Information

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.
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Section 15. Regulatory Information cont'd.

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.

CANCEROGENITY CATEGORIES

EPA (Environmental Protection Agency)	: None of the ingredients is listed.
IARC (International Agency for Research on Cancer)	: None of the ingredients is listed.
NTP (National Toxicology Program)	: 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.
OSHA-Ca (Occupational Safety & Health Administration)	: None of the ingredients is listed.
Product-Related Hazard Information	: The product has been classified and marked in accordance with directives on hazardous materials.
Hazard Symbols	: Xn Harmful
Hazard-Determining Components of Labelling:	: 2,4,6-tris(dimethylaminomethyl)phenol
Risk Phrases:	
22	Harmful if swallowed.
36/38	Irritating to eyes and skin.

Section 15. Regulatory Information cont'd.

Safety Phrases:

- 2 Keep out of the reach of children.
- 13 Keep away from food, drink and animal feeding stuffs.
- 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
- 25 Avoid contact with eyes.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 28 After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer).
- 36, 37, 39 Wear suitable protective clothing, gloves and eye/face protection.
- 46 If swallowed, seek medical advice immediately and show this container or label.
- 52 Not recommended for interior use on large surface areas.
- 56 Dispose of this material and its container to hazardous or special waste collection point.
- 60 This material and its container must be disposed of as hazardous waste.
- 64 If swallowed, rinse mouth with water (only if the person is conscious).

Section 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 SDS : Environmental, Health & Safety Department

Contact : Environmental, Health & Safety Manager



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