

SAFETY DATA SHEET

Section 1. Identification		
Product identifier	AQUASTOP Fast – Part B	
Other means of identification	AQUASTOP Fast	
Recommended use and restrictions on use	Floor coating	
Supplier informations	2271 Cornell Ave, Montgomery, IL 60538, United States info@specialtyproductsdevelopmentgroup.com	
Emergency telephone number/restriction on use	Canada – CANUTEC 24-hour number 613-996-6666	
Section 2. Hazard identification		
Classification of hazardous product (name of the category or subcategory of the hazard class)		
Acute toxicity oral (Category 4) Acute toxicity dermal (Category 4) Acute toxicity inhalation (Category 4) Skin corrosion/irritation (Category 1C) Serious eye damage/irritation: (Category 1) Skin sensitization: (Category 1) Mutagenicity (Category 2) Specific target organ toxicity - Repeated exposure (Category 2) Hazardous to the aquatic environment – Acute /Chronic (Category 1)		
Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)		
 <p>Warning Hazardous Statements - Physical, Health & Environmental: H302 - Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation. H341 Suspected of causing genetic defects. 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. Precautionary Statements - General, Prevention, Response, Storage & Disposal : P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dusts or mists. P261 Avoid breathing dust/fume//gas/mist/vapours/ spray. P264 Wash hands/nails/face thoroughly after handling. P270 Do not eat, drink, or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor /physician if you feel unwell. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P312 Call a doctor if you feel unwell. P314: Get medical advice /attention if you feel unwell. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention P321: Specific treatment. P363 Wash contaminated clothing 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. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310 Immediately call a doctor. P308 + P313 IF exposed or concerned: Get medical attention. P391 Collect spillage. P405 - Store locked up. P501 - Dispose of contents/container to an approved waste disposal plant.</p>		
Other hazards known	None	
Section 3. Composition/information on ingredients		
Chemical name (common name/synonyms)	CAS number or other	Concentration (%)
Formaldehyde polymer with 1,3-benzenedimethanamine	57214-10-5	35-45
1,3-Bis (Amonomethyl)benzene	1477-55-0	35-45
Phenol	108-95-2	10-20
* This safety data sheet presents concentration ranges in place of the actual concentrations, which are considered trade secrets.		

Section 4. First-aid measures	
Inhalation	Move the person to fresh air and ensure they are comfortable for breathing. Seek medical attention if feeling unwell.
Ingestion	Call a doctor immediately. DO NOT INDUCE VOMITING. NEVER give anything by mouth if the victim is rapidly losing consciousness, unconscious, or convulsing. Rinse the mouth thoroughly with water and have the victim drink two glasses of water. If vomiting occurs naturally, have the victim lean forward to minimize the risk of aspiration.
Skin contact	Wash thoroughly with plenty of water for 15-20 minutes. IF skin irritation or rash develops: Seek medical attention. Remove contaminated clothing and wash it before wearing again.
Eye contact	Rinse cautiously with water for 15-20 minutes. Remove contact lenses if present and easy to do, then continue rinsing. If eye irritation persists, seek medical attention.
Most important symptoms and effects (acute and delayed)	Causes severe skin burns and eye damage.
Indication of immediate medical attention/ special treatment	In all cases, call a doctor. Also consider the other instructions of this section document.
Section 5. Fire-fighting measures	
Specific hazards of the hazardous product (hazardous combustion products)	
Carbon oxides and other irritant/toxic gases and fumes.	
Suitable and unsuitable extinguishing media	
In case of fire: Use carbon dioxide, chemical powder, or appropriate foam to extinguish nearby products. Avoid using a water jet for extinguishing.	
Special protective equipment and precautions for fire-fighters	
During a fire, irritating and toxic smoke and fumes may be produced. Do not enter the fire area without proper protection. Firefighters should wear appropriate protective equipment and a self-contained breathing apparatus with a full facepiece. Shield personnel to protect them from venting, rupturing, or bursting cans. Cool containers with water until well after the fire is out. Do not approach a tank surrounded by fire until it is extinguished. In the event of a conflagration, use an automatic fire sprinkler system. A major fire may require withdrawal, allowing the object to burn itself out.	
Section 6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	
Restrict access to the area until the clean-up is complete. Ensure that only trained personnel conduct the clean-up. Everyone involved in the clean-up should wear appropriate protective equipment (see Section 8).	
Methods and materials for containment and cleaning up	
Ensure proper ventilation in the release area. Refrain from touching the spilled material. If safe to do so, halt the leak. Use inert absorbent material to contain and soak up any spilled liquid concentrate, then transfer the material to a container for later disposal (refer to Section 13). Note that contaminated absorbent material can be as hazardous as the spilled product. Inform the relevant authorities as necessary. Work against the wind and evacuate individuals upwind. Eliminate all potential ignition sources. Take measures to prevent runoff and avoid contact with waterways, drains, or sewers.	
Section 7. Handling and storage	
Precautions for safe handling	
Wearing gloves, protective clothing, eye protection, and face protection is essential. Before handling, it's crucial to ensure that engineering controls are operational and that you follow the requirements for protective equipment and personal hygiene. Those working with this chemical should receive proper training on its hazards and safe handling. Check containers for leaks before handling and label them correctly. Maintain adequate ventilation and refrain from inhaling dust, fumes, gases, mists, vapors, or sprays. Avoid contact with eyes, skin, and clothing, and keep the chemical away from heat, sparks, and flames. Prevent the creation of high concentrations of dusts, vapors, or mists, and keep the chemical away from incompatible materials (refer to Section 10). Always keep containers closed when not in use, as empty containers can still pose risks. Additionally, refer to Section 8 for further guidance.	

Conditions for safe storage, including any incompatibilities			
Keep the product in a well-ventilated area and ensure the container is tightly sealed. Store it in a cool and locked place, away from incompatible materials as outlined in Section 10. Check all incoming containers to confirm they're properly labeled and undamaged. Clearly mark the storage area, keep it unobstructed, and limit access to trained personnel only. Regularly inspect for any signs of damage or leaks.			
Section 8. Exposure controls/Personal protection			
Control parameters (biological limit values or exposure limit values and source of those values)			
Exposure limits: CAS 1477-55-0: Ceiling 0.1 mg/m ³ , vapor and aerosol CAS108-95-2: TWA 5ppm(19mg/m ³) OSHA PEL : 19			
Appropriate engineering controls			
Ensure usage in well-ventilated environments. It's advisable to have a local exhaust ventilation system to keep contaminant concentrations below exposure limits. Provide emergency eyewash stations, safety/quick-drench showers, and washing facilities in the work area.			
Individual protection measures/personal protective equipment			
Respiratory protection becomes necessary when concentrations exceed exposure limits. Employ either an air-purifying respirator with a full facepiece and organic vapor canister, a chemical cartridge respirator with organic vapor cartridges, or a NIOSH-approved respirator if exposure limits are unspecified. Wear chemically protective gloves (impervious) and appropriate clothing to avoid prolonged or repeated skin contact during handling. Utilize protective chemical splash goggles to prevent mist from reaching the eyes. Thoroughly wash hands, nails, and face after handling. Refrain from eating, drinking, or smoking while using this product and practice good personal hygiene afterward. Launder and cleanse contaminated work clothing before reuse.			
Section 9. Physical and chemical properties			
Appearance / color	Amber liquid	Vapour pressure	Not available
Odour	Amonia odor	Vapour density	>1
Odour threshold	Not available	Relative density	1.05
pH	Not available	Solubility	Not available
Melting point / Freezing point	Not available	Partition coefficient of n-octanol/ water	Not available
Initial boiling point/ranges	Not available	Auto-ignition temperature	Not available
Flash point	127° C	Decomposition temperature	Not available
Evaporation rate	Not available	Viscosity	500-4000cps (25° C)
Flammability (solid, gas)	Not available	VOC	Not available
Upper/Lower flammability or explosive limits	Not available	Other	None know
Section 10. Stability and reactivity			
Reactivity	No reaction takes place when stored and handled according to the recommended conditions.		
Stability	Remains stable when stored and handled according to the recommended conditions.		
Possibility of hazardous reactions	Hazardous polymerization will not occur.		
Conditions to avoid (static discharge, shock or vibration)	Accumulation of electrostatic charges, heating, flames, and hot surface.		
Incompatible materials	Not available.		
Hazardous decomposition products	May emit flammable vapour if involved in fire.		

Section 11. Toxicological information	
Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	Dangerous if ingested. Harmful upon skin contact. Causes severe skin burns and eye damage. Can trigger an allergic skin reaction. Hazardous if inhaled. May lead to respiratory irritation. Suspected of causing genetic defects. May result in organ damage from prolonged or repeated exposure.
Symptoms related to the physical, chemical and toxicological characteristics	Skin burn, redness, stinging, pain; Eye burn, redness, tearing; Digestive tract burn; Respiratory tract burn, coughing, shortness of breath, dizziness, drowsiness, nausea, and headaches.
Delayed and immediate effects (chronic effects from short-term and long-term exposure)	Skin Sensitization – Possible; Respiratory Sensitization – No data available; Germ Cell Mutagenicity – Possible; Carcinogenicity – IARC Phenol-Group 3; Reproductive Toxicity – No data available; Specific Target Organ Toxicity – Single Exposure – Not available; Specific Target Organ Toxicity – Repeated Exposure – Possible; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.
Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)	CAS 1477-55-0 : LD50 , Oral=980mg/kg rat (SIDS,NITE), LD 50, Dermal >3100mg/kg rabbit(ECHA), Dust LC501.12mg/l 4 hr rat (OECD,TG403, GLP) (ECHA) CAS 108-95-2 LD ₅₀ Oral - mousse– 270mg/kg(HSDB) & LD ₅₀ Dermal - Rabbit – 850mg/kg & LC ₅₀ Inhalation - Rat – 1.8 mg/L/4h ATE mix: Oral: 300mg/kg-2000mg/kg , Dermal: 1000mg/kg-2000mg/kg, Inhalation: 10mg/L-20mg/L
Section 12. Ecological information	
Ecotoxicity (aquatic and terrestrial information)	Fish - [1,3-Bis (Aminomethyl) benzene] : LC50 87.6 mg/l 96 hr Oryzias latipes (OECD Guideline 203, GLP) - [Formaldehyde polymer with 1,3-benzenedimethanamine and phenol] : Korea MOE's Toxic substance Acute/chronic aquatic toxicity category 1 - [Phenol] : LC50 8.9 mg/L 96hr Oncorhynchus mykiss (ECHA) Crustaceans 1,3-Bis (Aminomethyl) benzene] : EC50 15.2 mg/l 48 hr Daphnia magna(OECD Guideline 202, GLP) - [Phenol] : EC50 3.1 mg/L 48hr Ceriodaphnia dubia (ECHA), EC50=14.9mg/L(48h, D. magna)(NIER) Algae - [1,3-Bis (Aminomethyl) benzene] : EC50 = 14 mg/ 72 hr (NITE), ErC50 33.3 mg/l 72 hr (Pseudokirchnerella subcapitata, OECD Guideline 201, GLP)(ECHA) - [Phenol] : EC50 61.1 mg/L 96hr Pseudokirchneriella subcapitata (ECHA), ErC50=156 mg/L(72h)(NIER)
Persistence and degradability	Persistence - [1,3-Bis (Aminomethyl) benzene] : log Kow 0.18 (Estimate) - [Phenol] : log Kow = 1.47 (ECHA) Degradability - Not available
Bioaccumulative potential	Bioaccumulative potential - [Phenol] : BCF = 17.5 ~ 647 (ECHA) Biodegradation - [1,3-Bis (Aminomethyl) benzene] : Biodegradability = 22 (%) (NITE), 49 % 28 day (non-Degradable)(ECHA) - [Phenol] : 62% 100 hr, readily biodegradable (ECHA)
Mobility in soil	- [Phenol] : Koc = 14 ~ 73 (ECHA)

Other adverse effects	[1,3-Bis (Aminomethyl) benzene] : crustaceans:Daphnia magna: NOEC, 21d, = 4.7 mg/L, OECD Guideline 211, GLP, algae:Pseudokirchnerella subcapitata: NOEC, 72h, = 22.9 mg/L, OECD Guideline 201, GLP(ECHA)
Section 13. Disposal considerations	
Information on safe handling for disposal/methods of disposal/contaminated packaging	Dispose of the contents and container in a secure receptacle following local, regional, or national regulations.
Section 14. Transport information	
UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations	UN2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(Aminomethyl)benzene)) CLASS 8 PG III
UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)	UN2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(Aminomethyl)benzene)) CLASS 8 PG III
UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)	UN2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(Aminomethyl)benzene)) CLASS 8 PG III
Special Precautions (transport/conveyance)	May also be shipped as a LIMITED QUANTITY in accordance with TDG.
Environmental hazards (IMDG or other)	Marine Pollutant
Bulk transport (usually more than 450L in capacity)	No
Section 15. Regulatory information	
Safety/health Canadian regulations specifics	Consult Section 2 for the relevant classification. This product has been categorized following the hazard criteria outlined in the Hazardous Products Regulations (HPR).
Environmental Canadian regulations specifics	Review Section 3 for the component(s) listed on the DSL.
Safety/health/environmental outside regulations specifics Bioaccumulative potential	United States OSHA information: This product is regulated according to OSHA (29 CFR). United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3.

Section 16. Other information	
Date of the latest revision of the safety data sheet	May 16, 2024
References	Safety Data Sheets from manufacturer/supplier
Abbreviations	
ACGIH ATE CAS DSL IARC IATA IMDG LC LD NIOSH NTP OSHA PEL STEL TDG TLV TSCA TWA WHMIS	American Conference of Governmental Industrial Hygienists Acute toxicity estimate Chemical Abstract Service Domestic Substance List International Agency for Research on Cancer International Air Transport Association International Maritime Dangerous Goods Code Lethal concentration Lethal Dosage National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit Short Term Exposure Limit Transport of dangerous goods in Canada Threshold Limit Value Toxic Substances Control Act Time Weighted Value Workplace Hazardous Materials Information System
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