Aldon

Section 1

221 Rochester Street Avon, NY 14414 (585) 226-6177 Corporation

Chemical Product and Company Information

CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory use only. Not for drug, food or household use.

AMMONIA SOLUTION (HOUSEHOLD) Product Synonyms Ammonium Hydroxide, Water Solution Section 2 **Hazards Identification** Signal word: WARNING Precautionary statement: Pictograms: GHS07 / GHS09 P264: Wash hands thoroughly after handling. Target organs: Eyes, Skin, Mucous membranes P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water and soap. P332+P313: If skin irritation occurs: Get medical attention. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **GHS Classification:** P337+P313: If eye irritation persists: Get medical attention. Skin irritation (Category 2) P362+P364: Take off contaminated clothing and wash it before reuse. Eye irritation (Category 2A) P391: Collect spillage. Acute aquatic (Category 1) P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations. GHS Label information: Hazard statement: H315: Causes skin irritation. H319: Causes serious eye irritation. H400: Very toxic to aquatic life.

Ca Prop 65 - This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

| Section 3 | Composition / Information on | Ingredients | | | |
|----------------------------|------------------------------|------------------------|---|------------------------|--|
| Chemical Name | | CAS # | % | EINECS | |
| Water Ammonium hydroxid | e (as Ammonia) | 7732-18-5 1336-21-6 | Approximately 96.0% Approximately 4.0% | 231-791-2 215-647-6 | |
| Section 4 | First Aid Measures | | | | |

INGESTION: HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: HARMFUL IF INHALED. CAUSES RESPIRATORY TRACT IRRITATION. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: CAUSES SERIOUS IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: CAUSES IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 **Fire Fighting Measures**

Suitable Extinguishing Media: Carbon dioxide, dry chemical, dry sand, alcohol foam.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 6 Accidental Release Measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Carefully neutralize with Sodium bicarbonate, absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling & Storage

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts/vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances.

| Section 8 | Exposure Controls / Personal Pro | otection | | |
|------------------|----------------------------------|--|-----------------------------------|--|
| Exposure Limits: | Chemical Name | ACGIH (TLV) | OSHA (PEL) | NIOSH (REL) |
| Exposure Limits. | Ammonia CAS No. 7664-41-7 | TWA: 17 mg/m ³ : STEL: 24 mg/m ³ | TWA: 50 ppm. 35 mg/m ³ | TWA: 18 ma/m ³ : STEL: 27 ma/m ³ |

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

| Section 9 | Physical & Chemical Pro | perties | | | | |
|--|--|--|--|---|---|--|
| Odor: Strong am Odor threshold: pH: Data not ava Melting / Freezing po | Data not available. ilable. int: Approximately 0°C (32°F) (water) proximately 100°C (212°F) (water) | Evaporation rate (Water = 1): <1 Flammability (solid/gas): Data not a Explosion limits: Lower / Upper: D Vapor pressure (mm Hg): 14 (water Vapor density (Air = 1): 0.7 (water) Relative density (Specific gravity): Appr Solubility(ies): Complete in water. | Data not available r) | Auto-ignition Decomposition Viscosity: Da | on temperature ata not available mula: Mixture | Data not available e: Data not available. e. |
| Section 10 | Stability & Reactivity | | | | | |
| Chemical stabilit | y: Stable oid: Excessive temperatures whic | Hazardous polymerization: V ch cause evaporation. | Vill not occur. | | | |
| Incompatible ma | terials: Acids, strong oxidizers, ha | alogens, heavy metals. | | | | |
| Hazardous decor | mposition products: Decompose | es to ammonia gas and above 450°C (84 | 12°F) to hydrogen gas | and nitrogen ox | kides. | |
| Section 11 | Toxicological Information | 1 | | | | |
| Carcinogenity: E NTP: No compone IARC: No compone OSHA: No compone Reproductive too STOT-single experience | ent of this product present at levels nent of this product present at leve nent of this product present at leve kicity: Data not available osure: The substance or mixture | s greater than or equal to 0.1% is identifi Is greater than or equal to 0.1% is identiti els greater than or equal to 0.1% is ident is classified as specific target organ toxi | fied as probable, poss tified as a carcinogen | ible or confirmed or potential carc | d human carcin cinogen by OSH | IA. |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, st Eyes: Redness, p Signs and sympt skin. Inhalation m | inal cramps, abdominal pain, sore kin burns, pain, blisters. pain, blurred vision, burns. toms of exposure: Material is ex nay be fatal as a result of spasm, in | thing, shortness of breath, sore throat. e throat, vomiting, tremely destructive to tissue of the muco nflammation and edema of the larynx and | | | | |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, st Eyes: Redness, p Signs and sympt skin. Inhalation m | d: Data not available effects: [Ammonium hydroxide, ar ng sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. bain, blurred vision, burns. toms of exposure: Material is ex | thing, shortness of breath, sore throat. e throat, vomiting, tremely destructive to tissue of the muco nflammation and edema of the larynx and | | | | |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: I Toxicity to daphen Toxicity to algae: Persistence and Mobility in soil: 1 | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. toms of exposure: Material is ex hay be fatal as a result of spasm, in nation: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available | thing, shortness of breath, sore throat. throat, vomiting, tremely destructive to tissue of the muco nflammation and edema of the larynx an Ammonium hydroxide, anhydrous] jill) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 00H @ 22°C (50% growth reduction) | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available | neumonitis and p | | |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: I Toxicity to fish: I Toxicity to algae: Persistence and Mobility in soil: I Other adverse eff Section 13 | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. boms of exposure: Material is ex hay be fatal as a result of spasm, in nation: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations | thing, shortness of breath, sore throat. throat, vomiting, tremely destructive to tissue of the muconflammation and edema of the larynx an Ammonium hydroxide, anhydrous] (iii) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) @ 22°C (50% growth reduction) Bioaccumulative potential: No a PBT and vPvB assessment: No annot be excluded in the event of unprof | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c | lisposal. | pulmonary eder | ma. |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: If Toxicity to fish: If Toxicity to algae: Persistence and Mobility in soil: If Other adverse eff Section 13 These disposal or regulations may | d: Data not available effects: [Ammonium hydroxide, ar ing sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. bain, blurred vision, burns. toms of exposure: Material is ex ination: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations guidelines are intended for the be different. Dispose of in acc | thing, shortness of breath, sore throat. throat, vomiting, tremely destructive to tissue of the muco inflammation and edema of the larynx an Ammonium hydroxide, anhydrous] (iII) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 iOH @ 22°C (50% growth reduction) Bioaccumulative potential: No PBT and vPvB assessment: No annot be excluded in the event of unprof | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c nly. Federal regulat | lisposal. | pulmonary eder | ma. ntainer. State and/or loca |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: I Toxicity to fish: I Toxicity to daphen Toxicity to algae: Persistence and Mobility in soil: I Other adverse eff Section 13 These disposal of regulations may Section 14 | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. boms of exposure: Material is ex hay be fatal as a result of spasm, in nation: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations guidelines are intended for the be different. Dispose of in acc Transport Information | hing, shortness of breath, sore throat. a throat, vomiting, tremely destructive to tissue of the muco Inflammation and edema of the larynx and Ammonium hydroxide, anhydrous] (iII) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 IOH @ 22°C (50% growth reduction) Bioaccumulative potential: No a PBT and vPvB assessment: No annot be excluded in the event of unprof disposal of catalog-size quantities of cordance with all local, state and feder | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c nly. Federal regulat | lisposal. | pulmonary eder | ma. ntainer. State and/or loca |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: I Toxicity to fish: I Toxicity to daphen Toxicity to algae: Persistence and Mobility in soil: I Other adverse eff Section 13 These disposal of regulations may Section 14 UN/NA number Hazard class: | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. bain, blurred vision, burns. toms of exposure: Material is ex nay be fatal as a result of spasm, in nation: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations guidelines are intended for the be different. Dispose of in acc Transport Information : Not applicable Not applicable Pack | thing, shortness of breath, sore throat. throat, vomiting, thremely destructive to tissue of the muconflammation and edema of the larynx an Ammonium hydroxide, anhydrous] (iii) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 tes: LC50 Daphnia magna (wa | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c nly. Federal regulat | lisposal. ions may apply | pulmonary eder y to empty cor licensed chem | ma. ntainer. State and/or loca |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: I Toxicity to fish: I Toxicity to daphen Toxicity to daphen Toxicity to algae: Persistence and Mobility in soil: I Other adverse eff Section 13 These disposal of regulations may Section 14 UN/NA number Hazard class: Exceptions: N | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. bain, blurred vision, burns. toms of exposure: Material is ex nation: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations guidelines are intended for the be different. Dispose of in acc Transport Information T: Not applicable Not applicable Pack Iot applicable Ship | thing, shortness of breath, sore throat. throat, vomiting, thremely destructive to tissue of the muconflammation and edema of the larynx an Ammonium hydroxide, anhydrous] (iii) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) @ 22°C (50% growth reduction) Bioaccumulative potential: No annot be excluded in the event of unprof disposal of catalog-size quantities or cordance with all local, state and feder (iii) ping name: Not Regulated | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c nly. Federal regulat eral regulations or co | lisposal. ions may apply | pulmonary eder y to empty cor licensed chem | ma. ntainer. State and/or loca nical disposal agency. |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: In Toxicity to fish: In Toxicity to daphen Toxicity | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. boms of exposure: Material is ex hay be fatal as a result of spasm, in nation: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations guidelines are intended for the be different. Dispose of in acc Transport Information T: Not applicable Not applicable Again and state and the applicable Not applicable Again applicable Regulatory Information | thing, shortness of breath, sore throat. throat, vomiting, thremely destructive to tissue of the muconflammation and edema of the larynx an Ammonium hydroxide, anhydrous] (iii) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) @ 22°C (50% growth reduction) Bioaccumulative potential: No annot be excluded in the event of unprof disposal of catalog-size quantities on cordance with all local, state and feder (ing group: Not applicable ERG Guide # Not applicable | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c nly. Federal regulat eral regulations or co | lisposal. ions may apply | pulmonary eder y to empty cor licensed chem | ma. ntainer. State and/or loca nical disposal agency. |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: I Toxicity to fish: I Toxicity to daphen Toxicity to daphen Toxicity to daphen Toxicity to dapae: Persistence and Mobility in soil: I Other adverse eff Section 13 These disposal of regulations may Section 14 UN/NA number Hazard class: Exceptions: N Section 15 | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. bain, blurred vision, burns. toms of exposure: Material is ex ination: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations guidelines are intended for the be different. Dispose of in acc Transport Information T: Not applicable Not applicable Augulatory Information ered to be listed if the CAS number for | thing, shortness of breath, sore throat. throat, vomiting, thremely destructive to tissue of the muconflammation and edema of the larynx an Ammonium hydroxide, anhydrous] (iii) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 tes: LC50 Daphnia magna (wa | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c nly. Federal regulat eral regulations or co | lisposal. ions may apply | pulmonary eder y to empty cor licensed chem | ma. ntainer. State and/or loca nical disposal agency. ine pollutant: No |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: I Toxicity to fish: I Toxicity to daphen Toxicity to algae: Persistence and of Mobility in soil: I Other adverse eff Section 13 These disposal of regulations may Section 14 UN/NA number Hazard class: Exceptions: N Section 15 A chemical is conside | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. bain, blurred vision, burns. toms of exposure: Material is ex hay be fatal as a result of spasm, in nation: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations guidelines are intended for the be different. Dispose of in acc Transport Information T: Not applicable Pack lot applicable 2012 Regulatory Information ered to be listed if the CAS number for ponent | thing, shortness of breath, sore throat. throat, vomiting, thremely destructive to tissue of the muconflammation and edema of the larynx an Ammonium hydroxide, anhydrous] (iii) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 (iii) 0.024 0.094 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 tes: LC50 Daphn | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c nly. Federal regulat eral regulations or co Reportable Quan | lisposal. ions may apply ontract with a i tity: Yes | y to empty cor licensed chem | ma. ntainer. State and/or loca nical disposal agency. |
| Aspiration hazar Potential health of Inhalation: Burnin Ingestion: Abdom Skin: Redness, sl Eyes: Redness, p Signs and sympt skin. Inhalation m Additional inform Section 12 Toxicity to fish: I Toxicity to fish: I Toxicity to dapher Toxicity t | d: Data not available effects: [Ammonium hydroxide, ar ig sensation, cough, labored breat inal cramps, abdominal pain, sore kin burns, pain, blisters. bain, blurred vision, burns. toms of exposure: Material is ex hay be fatal as a result of spasm, in nation: RTECS #: BQ9625000 [/ Ecological Information LC50 Lepomis macrochirus (blueg ia and other aquatic invertebrat TLm Diatom (algae) 420 mg/L/12 degradability: No data available No data available fects: An environmental hazard c Disposal Considerations guidelines are intended for the be different. Dispose of in acc Transport Information T: Not applicable Pack lot applicable 2012 Regulatory Information ered to be listed if the CAS number for ponent | thing, shortness of breath, sore throat. throat, vomiting, tremely destructive to tissue of the muco inflammation and edema of the larynx and Ammonium hydroxide, anhydrous] (i) 0.024-0.093 mg/L/48H tes: LC50 Daphnia magna (water flea) 0 i) 0 @ 22°C (50% growth reduction) Bioaccumulative potential: No PBT and vPvB assessment: No annot be excluded in the event of unprof disposal of catalog-size quantities or bordance with all local, state and fede ing group: Not Regulated king group: Not applicable ERG Guide # Not applicable the anhydrous form is on the Inventory list. TSCA CERLCA (RQ) | d bronchi, chemical pr .66 mg/L/48H @ 22°C data available data available fessional handling or c nly. Federal regulat eral regulations or co Reportable Quan RCRA code | tisposal. tions may apply ontract with a f tity: Yes | pulmonary eder y to empty cor licensed chem Mari NDSL | ma. ntainer. State and/or loca nical disposal agency. ine pollutant: No WHMIS Classification |

dent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.