Section 1 – Product and Company Information

Product Identifiers

Name	BRITEWOOD™ XL, Sapstain Control, EPA Registration #57227-3
Brand	Contechem
Product Use	Formulated for Industrial Use Only

Supplier

Name	U-C Coatings, LLC
Address	P.O. Box 1066, Buffalo, NY 14215 www.uccoatings.com
Telephone	(716) 833-9366
Emergency Phone	**(888) 363-2628**

Section 2 – Hazard Identification

Classification of the substance or mixture

Physical Hazards	Flammable liquids (Category 4), Combustible liquid.
Health Hazards	Acute toxicity, Oral (Category 3), Toxic if swallowed. Skin Corrosion / Irritation (Category 2), Causes skin irritation. Eye Damage / Irritation (Category 2A), Causes serious eye irritation.
Environmental Hazards	Acute aquatic toxicity (Category 2), Toxic to aquatic life. Chronic aquatic toxicity (Category 3), Harmful to aquatic life with long lasting effects.

GHS label elements and precautionary statements

Pictograms	Corrosive - Exclamation Mark - Environment
Signal word	**WARNING**
Prevention	Keep away from heat, sparks, open flames and hot surfaces. No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands or other contact areas thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. IF SWALLOWED: Immediately call a POISON CENTER/doctor/ Seek immediate medical attention if you feel unwell. Rinse mouth. Specific treatment is shown in Section 4: First Aid Measures. Rinse mouth. IF ON SKIN: Wash with plenty of water. If skin irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry chemical, foam or water fog to extinguish. Do not use direct water stream. Collect spillage.
Storage	Store locked up. Store in a well-ventilated place.
Disposal	Dispose of container or contents in accordance with all regulations.

Hazards not otherwise classified (HNOC) or not covered by GHS.

HMIS Rating: Health hazard: 3 Chronic Health Hazard: Flammability: 1 Physical Hazard 0
NFPA Rating: Health hazard: 3 Fire Hazard: 2 Reactivity Hazard: 0

Supplemental information.

Alphanumeric H-Statements and P-Statements in Section 16.

Section 3 – Composition/Information on Ingredients

Component	CAS Number	Wt. %
Didecyl dimethyl ammonium chloride	7173-51-5	46.25
Propiconazole	60207-90-1	4.94
Ethyl alcohol	64-17-5	3-5

Section 4 – First Aid Measures

Description of first aid measures

General advice: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor and first responders. Added information for exposure:
In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.
In case of skin contact: Wash with plenty of water. Take off all contaminated clothing. Wash contaminated clothing before reuse. Seek immediate medical attention if you feel unwell.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Contact a POISON CENTER/doctor/see immediate medical attention.
If swallowed: Immediately call a POISON CENTER/doctor/ Seek immediate medical attention. Specific treatment is shown. Rinse mouth.

Most important symptoms and effects, both acute and delayed: See Sections 2 and 11.
Indication of any immediate medical attention and special treatment needed: No data available.

Section 5 – Firefighting Measures

Extinguishing Media
Suitable Extinguishing Media: Use dry chemical, foam or water fog to extinguish.
Unsuitable Extinguishing Media: Do not use direct water stream.
Special hazards arising from the substance or mixture: Use water spray to cool fire exposed container surfaces and to protect personnel. Thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiant at sufficient concentrations).
Advice for firefighters: Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. (MSHA/NIOSH approved or equivalent).
Further information: If employees are expected to fight fires, training and equipment information can be found in OSHA Fire Brigades Standard (29 CFR 1910.156).

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid breathing dust, fume/gas/mist/spray.
Environmental precautions: Avoid release to the environment.
Methods and materials for containment and cleaning up: Contain spilled material if possible. Cover large spills for removal with earth moving equipment. Vacuum small spills. Use suitable and properly labeled containers. Dispose of contents/container to an approved waste disposal plant.
Reference to other sections-resources: For additional information, refer to Section 8: Exposure Controls and Personal Protection, Section 7: Handling, Section 12: Ecological Information, Section 13: Disposal Considerations and OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120).

Section 7 – Handling and Storage

Precautions for safe handling
Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with skin and eyes. Do not breathe dust/gas/fume/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. If exposed or concerned: CALL A POISON CENTER.
Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in a well-ventilated place.
Specific end use: See Section 1.

Section 8 – Exposure Control and Personal Protection

Control parameters
Guidelines may not apply to every situation. Industrial hygiene evaluations should be completed at each work place. Exposure limits are for air levels only. When skin contact also occurs, workers may be overexposed, even though air levels are less than the limits when provided.
Component Workplace Exposure Limits
Didecyl dimethyl ammonium chloride (7173-51-5) and Propiconazole (60207-90-1) have no established occupational exposure limits. This does not mean that these substances are not harmful. Safe work practices should always be followed.
Ethanol (64-17-5): OSHA: The legal airborne permissible exposure limit (PEL) is 1,000 ppm averaged over an 8-hour work shift. NIOSH: The recommended airborne exposure limit (REL) is 1,000 ppm averaged over a 10-hour work shift. ACGIH: The threshold limit value (TLV) is 1,000 ppm as a STEL (short-term exposure limit).
Exposure controls
Appropriate engineering controls: Where possible, enclose operations and use local exhaust ventilation at the site of chemical release. Maintain airborne levels below exposure limit requirements or guidelines. If local exhaust ventilation or enclosure is not used respirators should be worn. Wear protective work clothing. Facilities storing, packaging or utilizing product should be equipped with an eyewash and a safety shower facility. Wash thoroughly immediately after exposure, before breaks and the end of the work shift. Post hazard and warning information in the work area. In addition, as part of an ongoing education and training effort, communicate all information on the health and safety hazards to potentially exposed workers.
Personal protective equipment
Safety glasses and chemical resistant gloves are recommended whenever chemicals are handled. Obtain detailed information from OSHA Personal Protective Equipment Standard (29 CFR 1910.132) and equipment suppliers.
Eye/face protection: Face shield and, or safety glasses are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection: Wear protective gloves/protective clothing. Dispose of contaminated gloves after use in accordance with applicable regulations and good practices. Wash and dry hands. Wash contaminated clothing and decontaminate shoes before reuse.

Respiratory protection: Use when overexposure potential. Improper use of respirators is dangerous. Respirators should only be used with a written program as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Control of environmental exposure

Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with regulations.

Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Form: Liquid Color: Clear Odor: Mild Phenolic pH: 6-8 (6-8 @1%) Boiling Point / Range: >165°F / Not Determined Flash Point: 142°F Auto Ignition Temp: Not Combustible Lower Flammability Limit: Not Combustible Upper Flammability Limit: Not Combustible Vapor Pressure (psi @100°F): Not Determined Vapor Density: Not Determined Freezing Point/Melting Point: Not Determined Solubility (Water): Soluble Specific Gravity: 0.95 g/cc Evaporation Rate: Not Determined Viscosity (SSU@ 100°F): Not Determined
Other Safety Info	Volatility: Not Determined Density: 7.9 lbs. / gal.
Note	Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

Section 10 – Stability and Reactivity

Reactivity: Not reactive under normal conditions.
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: When in contact with incompatible materials.
Conditions to avoid: Avoid incompatible materials and excessive heat or cold.
Incompatible materials: Strong oxidizing agents.
Hazardous decomposition products: Does not decompose under normal conditions.
Other decomposition products: During fire, thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiant at sufficient concentrations).

Section 11 – Toxicological Information

Information on Toxicological Effects

Component toxicity

Didecyldimethylammonium chloride (7173-51-5): Acute toxicity LD50 Oral - Rat - 84 mg/kg Remarks: Behavioral: Somnolence (general depressed activity). LD50 Dermal - Rat - male and female - > 2,000 mg/kg Skin – Rabbit Result: Causes burns. Guinea pig Result: Did not cause sensitization on laboratory animals. Ames test Salmonella typhimurium Result: Not mutagenic in Ames Test. Additional Information: Repeated dose toxicity - Rat - male and female - Oral - No observed adverse effect level - 45.5 mg/kg. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea.

Propiconazole (60207-90-1): Acute toxicity LD50 Oral - rat - 1,517 mg/kg LC50 Inhalation - rat - 4 h - 1,264 mg/m3 LD50 Dermal - rat - > 4,000 mg/kg - Reproductive toxicity - rat – Oral: Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants). Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

Ethanol (64-17-5): Acute toxicity LD50 Oral - Rat - 10,470 mg/kg LC50 Inhalation - Rat - 4 h - 30,000 mg/l LD50 Dermal - Rabbit - 15,800 mg/kg - Rabbit Result: No skin irritation - 24 h Eyes – Rabbit Result: Moderate eye irritation

Mixture toxicity
Inhalation – Dermal - Skin corrosion/irritation - Eye damage/eye irritation – Respiratory/skin sensitization - Germ cell mutagenicity – Reproductive toxicity - Specific target organ toxicity - single exposure - Specific target organ toxicity - repeated exposure - Aspiration hazard - Carcinogenicity: No data available for mixture.
Additional Information
None known.

Section 12 – Ecological Information

Ecotoxicity
Component ecotoxicity
Didecyldimethylammonium chloride (7173-51-5): Toxicity to fish LC50 - Brachydanio rerio (zebrafish) - 0.49 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 0.094 mg/l - 48 h.
Persistence and degradability: Biodegradability aerobic - Exposure time 28 d Result: 69 % - Readily biodegradable. (OECD Test Guideline 301D) Other adverse effects: Very toxic to aquatic life.
Propiconazole (60207-90-1): Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 0.9 - 1.2 mg/l - 96.0 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 4.8 mg/l - 48 h Toxicity to algae EC50 - Pseudokirchneriella subcapitata (green algae) - 5 mg/l - 72 h Other adverse effects: Very toxic to aquatic life.
Ethanol (64-17-5): Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 14,200 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates LC50 - Ceriodaphnia dubia (water flea) - 5,012 mg/l - 48 h NOEC - Daphnia magna (Water flea) - 9.6 mg/l - 9 d Toxicity to algae EC50 - Chlorella vulgaris (Fresh water algae) - 275 mg/l - 72 h (OECD Test Guideline 201) Persistence and degradability: Biodegradability Result: 95 % - Readily biodegradable - Bioaccumulative potential: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected. Other adverse effects: Very toxic to aquatic life with long lasting effects.
Mixture ecotoxicity
Toxicity to Fish - Persistence and Biodegradability - Bioaccumulative Potential - Mobility in Soil: No data available for mixture.
Other adverse effects
None known.

Section 13 – Disposal Consideration

Waste treatment methods
Product: Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging: Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 – Transport Information

DOT: UN 1760, corrosive liquid, n.o.s (quaternary ammonium chloride), 8, PG II

Section 15 – Regulatory Information

Federal
This is an EPA registered product. It is a violation of federal law to use this product in a manner inconsistent with its labeling Hazardous by definition of OSHA Hazard Communication Standard (29 CFR 1900.1200). This product is intended for industrial use only. Keep away from children and unauthorized personnel. Dodecyl Dimethyl Ammonium Chloride is an TSCA (Toxic Substance Control Act): Components of this product are listed on the TSCA Inventory.
CERCLA: Product is not found in "List of Hazardous Substances and Reportable Quantities" (40 CFR 302.4)
SARA TITLE III**:** (Superfund Amendments and Reauthorization Act)
SARA 302 Components: None are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components: Propiconazole (60207-90-1) is subject to reporting levels established by Section 313.
SARA 311/312 Hazards: Fire, Acute Health Hazard and Chronic Health
States
Right to Know Components
PA and NJ: Didecyl dimethyl ammonium chloride (7173-51-5) – Propiconazole (60207-90-1) and Ethyl alcohol (64-17-5).
California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Canada

DSL: This product, or its components, are listed on or are exempt from the Canadian Domestic Substances List (DSL).
WHMIS: Not regulated.

Section 16 – Other Information

Alphanumeric H (Hazard) and P (Precautionary) statements.
H227 Combustible liquid
H301 Toxic swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H401 Toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.
P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P264 Wash hands or other contact areas thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear eye protection/ face protection/protective gloves or clothing.
P301+P312 IF SWALLOWED: Immediately call a POISON CENTER/doctor/ Seek immediate medical attention if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment see instructions on this label.
P330 Rinse mouth.
P332 + P313 If skin irritation persists: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362+364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use dry chemical, foam or water fog to extinguish. Do not use direct water stream.
P391 Collect spillage.
P403 Store in a well-ventilated place.
P405 Store locked up.
P501 Dispose of container or contents in accordance with all regulations.

Disclaimer: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.