

Material Safety Data Sheet

Section 1. Product Identification and Use

Product Name - Trade Name **C38573 AQUAWIPE DARK BROWN**

Supplier - Manufacturer **Chemcraft International Inc.,**

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For Transport Emergency or After Hours

CANUTEC (613) 996-6666

Code C38573

Synonym AQUAWIPE DARK BROWN

Chemical Name Not applicable.

Chemical Family Synthetic polymer in water and organic solvent.
(Paint.)

Chemical Formula Not applicable.

Material Uses Coatings: Surface coatings and finishes.

Product Identification Number (PIN) Not regulated.

Section 2. Hazardous Ingredients

Exposure Limits

Name	CAS #	% by Weight	LC ₅₀ /LD ₅₀	TLV/PEL
Propylene glycol monoethyl ether	1569-02-4	1-5	Not available.	Not available.
Propylene glycol	57-55-6	1-5	ORAL (LD50): Acute: 21000 mg/kg [Rat.]. DERMAL (LD50): Acute: 20800 mg/kg [Rabbit].	Not available.
Tetrahydrofurfural alcohol	97-99-4	1-5	ORAL (LD50): Acute: 1600 mg/kg [Rat].	Not available.
Propylene glycol monomethyl ether	107-98-2	1-5	ORAL (LD50): Acute: 5660 mg/kg [Rat.]. DERMAL (LD50): Acute: 13000 mg/kg [Rabbit].	ACGIH (Canada). TWA: 100 ppm STEL: 150 ppm

Trace impurities and additional material names not listed above may appear in other sections of this MSDS. These materials may be listed for toxicological concerns, local compliance, or other reasons.

Section 3. Physical Data

Physical State and Appearance Liquid.

Color Not available. Odor Not available. Taste Not available.

Molecular Weight Not applicable.

pH (1% soln/water) Neutral.

Boiling Point The lowest known value is 100°C (212°F) (Water). Weighted average: 102.23°C (216°F)

Melting Point May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -3.21°C (26.2°F)

Critical Temperature Not available.

Specific Gravity Weighted average: 1.03 (Water = 1)

Vapor Pressure The highest known value is 2.3 kPa (17.2 mmHg) (at 20°C) (Water). Weighted average: 2.24 kPa (16.8 mmHg) (at 20°C)

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Vapor Density	The highest known value is 3.12 (Air = 1) (2-Propanol, 1-methoxy-). Weighted average: 1.1 (Air = 1)
Volatility	Not available.
Odor Threshold	Not available.
Water/Oil Dist. Coeff.	Not available.
Ionicity (in Water)	Not available.
Dispersion Properties	See solubility in water, methanol, diethyl ether.
Solubility	Easily soluble in cold water, hot water, methanol. Partially soluble in diethyl ether.

Section 4. Fire and Explosion Hazard

The Product is:	Non-flammable.
Fire Hazards in Presence of Various Substances	Not applicable.
Fire Fighting Media and Instructions	Not applicable.
Special Remarks on Fire Hazards	Non-flammable aqueous emulsion. Material may burn after evaporation of liquids.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Auto-Ignition Temperature	Not applicable.
Products of Combustion	These products are carbon oxides (CO, CO ₂).
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames, sparks and static discharge.
Special Remarks on Explosion Hazards	Not available.

Section 5. Reactivity Data

Stability	The product is stable.
Decomposition products	Not available.
Conditions of Instability	Not available.
Incompatibility with various substances	Not available.
Corrosivity	Not available.
Special Remarks on Reactivity	Incompatible with chloroformates. (1,2-Propanediol)
Special Remarks on Corrosivity	Corrosive to galvanized metal. (Ethanamine, N,N-diethyl-)

Section 6. Toxicological Properties

Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 1600 mg/kg [Rat]. (2-Furanmethanol, tetrahydro-). Acute dermal toxicity (LD50): 13000 mg/kg [Rabbit.]. (2-Propanol, 1-methoxy-).
Effects of Acute Exposure	Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (corrosive, permeator). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: Classified 4 (Probably not for human.) by IARC [Ethanamine, N,N-diethyl-]. Classified A4 (Not classifiable for human or animal.) by ACGIH [Ethanamine, N,N-diethyl-]. Classified A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC, None. by OSHA [2-Propanone]. Classified D (Not classifiable for human or animal.) by EPA [2-Propanone]. Classified 4 (Probably not for human.) by IARC, None. by OSHA [2-Furanmethanol, tetrahydro-]. Classified 4 (Probably not for human.) by IARC, None. by OSHA [2-Propanol, 1-methoxy-].</p> <p>MUTAGENIC EFFECTS: Not available.</p> <p>TERATOGENIC EFFECTS: Classified None. for human [2-Propanone].</p> <p>DEVELOPMENTAL TOXICITY: Not available.</p> <p>Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.</p>
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Can cause gastrointestinal disturbances. (1,2-Propanediol)
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. (2-Propanol, 1-methoxy-)
Exposure Limits	Not available.

Section 7. Preventive Measures

Personal Protection	Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Chemical resistant gloves, such as Norfoil should be used when handling this product. Please consult a Glove Manufacturer for alternate choices. Boots.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Chemical resistant gloves, such as Norfoil should be used when handling this product. Please consult a Glove Manufacturer for alternate choices. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
Small Spill	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Precautions	Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.
TDG Classification	-
PIN	Not regulated. PG:
Special Provisions for Transport	
Federal and State Regulations	<p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: 2-Propenoic acid, ethyl ester</p> <p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: 2-Propenoic acid, ethyl ester</p> <p>Illinois chemical safety act: Ethanamine, N,N-diethyl-</p> <p>New York release reporting list: Ethanamine, N,N-diethyl-</p> <p>Rhode Island RTK hazardous substances: Ammonia anhydrous; Ethanamine, N,N-diethyl-</p> <p>Pennsylvania RTK: Propanol, 1(or 2)-(2-methoxymethylethoxy)-; Ammonium hydroxide ((NH₄)(OH)); 2-Propenoic acid, ethyl ester; Ethanamine, N,N-diethyl-; 1,2-Propanediol; Chromium compounds: (special hazard, environmental hazard); 2-Furanmethanol, tetrahydro-; 2-Propanol, 1-methoxy-; Ethanol, 2-(2-butoxyethoxy)-</p> <p>Florida: Ammonia anhydrous; Ethanamine, N,N-diethyl-</p> <p>Minnesota: Ammonia anhydrous; Ethanamine, N,N-diethyl-</p> <p>Massachusetts RTK: Ammonium hydroxide ((NH₄)(OH)); Ethanamine, N,N-diethyl-; Chromium</p>

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compounds; 2-Furanmethanol, tetrahydro-; 2-Propanol, 1-methoxy-
 New Jersey: Propanol, 1(or 2)-(2-methoxymethylethoxy)-; Ammonia anhydrous; Ethanamine, N,N-diethyl-; Chromium compounds; 2-Propanol, 1-methoxy-; Ethanol, 2-(2-butoxyethoxy)-
 New Jersey spill list: Ammonia anhydrous
 TSCA 8(b) inventory: Ethanamine, N,N-diethyl-
 TSCA 8(d) H and S data reporting: Ethanamine, N,N-diethyl-
 SARA 302/304/311/312 extremely hazardous substances: Ammonia anhydrous
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Propanol, 1(or 2)-(2-methoxymethylethoxy)-: Fire Hazard; Ammonium hydroxide ((NH4)(OH)); 1,2-Propanediol: Delayed (Chronic) Health Hazard
 SARA 313 toxic chemical notification and release reporting: Chromium compounds 2.25529%
 CERCLA: Hazardous substances.: Ammonia anhydrous; Ethanamine, N,N-diethyl-: 5000 lbs. (2268 kg); 2-Propanone: 5000 lbs. (2268 kg);

Other Regulations

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications

WHMIS (Canada) **Class D-2A: Material causing other toxic effects (VERY TOXIC).**
Class D-2B: Material causing other toxic effects (TOXIC).

HCS (U.S.A.) Class: Corrosive material

Hazardous Material Information System (U.S.A.)

Health Hazard 3
Fire Hazard 0
Reactivity 0
Personal Protection

National Fire Protection Association (U.S.A.)

Health 3
Fire Hazard 0
Reactivity 0
Specific Hazard

Section 8. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Skin Contact Wash with soap and water. Get medical attention if irritation develops. Cold water may be used.

Hazardous Skin Contact Not available.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Hazardous Inhalation Not available.

Ingestion Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Hazardous Ingestion Not available.

Section 9. Preparation Information

References -Manufacturers Material Safety Data Sheets.

Other Special Considerations Not available.

Related Information This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

Preparation Information Validated by Alfreda Kowalski on 1/10/2005.

Verified by Alfreda Kowalski.

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Information Contact

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