

Material Safety Data Sheet

Validated by C.M. Kelly on 7/12/2002.
Verified by C.M. Kelly.
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Section 1. Product Identification and Use

Product Name - Trade Name **825-2712 WIPE STAIN - QUEBEC CHERRY**

Supplier - Manufacturer **Chemcraft International Inc.,**
3950 New Walkertown Rd.
Winston-Salem, NC.
U.S.A. 27051

Telephone (336) 723-1846 Fax (336) 724-7138

In case of Emergency 1-800-424-5571

For Transport Emergency or After Hours

CHEMTREC 1-800-424-9300

Code 825-2712
Synonym WIPE STAIN - QUEBEC CHERRY
Chemical Name Not applicable.
Chemical Family Synthetic polymer in organic solvent (Paint.)
Chemical Formula Not applicable.
Material Uses Coatings: Surface coatings and finishes
Product Identification Number (PIN) 1263 PAINT

Section 2. Hazardous Ingredients

Exposure Limits

Name	CAS #	% by Weight	LC ₅₀ /LD ₅₀	TLV/PEL
Proprietary compound		5-10	Not available.	Not available.
Solvent naphtha (petroleum), light aliph.	64742-89-8	5-10	Not available.	TWA: 400 (ppb)
Isobutyl alcohol	78-83-1	1-5	ORAL (LD50): Acute: 2500 mg/kg [Rat.]. 3200 mg/kg [Mouse]. DERMAL (LD50): Acute: 4200 mg/kg [Rabbit].	TWA: 50 (ppb) from ACGIH (TLV) [United States] [1993]
1-Butanol	71-36-3	1-5	ORAL (LD50): Acute: 2510 mg/kg [Rat.]. 790 mg/kg [Rat]. DERMAL (LD50): Acute: 5300 mg/kg [Rabbit]. 3400 mg/kg [Rabbit].	TWA: 50 CEIL: 50 (ppb)
Light aromatic naphtha	64742-95-6	30-60	ORAL (LD50): Acute: 6960 mg/kg [Rat.].	TWA: 25 (ppb) [1992] TWA: 123 (ppm) from ACGIH (TLV) [United States]
Ethylbenzene	100-41-4	0.1-1	ORAL (LD50): Acute: 3500 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].	TWA: 100 STEL: 125 (ppm) from ACGIH (TLV) [United States]
m-Methyltoluene	108-38-3	1-5	ORAL (LD50): Acute: 6750 mg/kg [Rat]. DERMAL (LD50): Acute: 12400 mg/kg [Rabbit].	STEL: 125 (ppm) from NIOSH STEL: 150 (ppm) from ACGIH (TLV) [United States] [1999] TWA: 100 (ppm) from ACGIH (TLV) [United States] [1999]
p-Methyltoluene	106-42-3	0.1-1	ORAL (LD50): Acute: 4100 mg/kg [Rat.].	TWA: 100 (ppb)
Silica quartz	14808-60-7	0.1-1	Not available.	TWA: 0.1 (mg/m ³) from ACGIH

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Propylene glycol monomethyl ether	107-98-2	10-30	ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 13000 mg/kg [Rabbit].	(TLV) [United States] Respirable. TWA: 100 STEL: 150 (ppb) from ACGIH (TLV) [United States] TWA: 100 STEL: 150 (ppm) from NIOSH TWA: 360 STEL: 540 (mg/m ³) from NIOSH TWA: 100 STEL: 150 (ppm) from OSHA (PEL) [United States] TWA: 540 STEL: 360 (mg/m ³) from OSHA (PEL) [United States]
Diacetone alcohol	123-42-2	5-10	ORAL (LD50): Acute: 4000 mg/kg [Rat]. 3959 mg/kg [Mouse]. DERMAL (LD50): Acute: 13600 mg/kg [Rabbit].	TWA: 50 CEIL: 75 (ppb) [1989] TWA: 240 CEIL: 360 (ppm) from ACGIH (TLV) [United States]

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 107.9°C (226.2°F) (1-Propanol, 2-methyl-). Weighted average: 143.66°C (290.6°F)
Melting Point	May start to solidify at -42.8°C (-45°F) based on data for: 2-Pentanone, 4-hydroxy-4-methyl-. Weighted average: -61.67°C (-79°F)
Critical Temperature	Not available.
Specific Gravity	Weighted average: 0.9 (Water = 1)
Vapor Pressure	The highest known value is 6 kPa (@ 20°C) (Solvent naphtha (petroleum), light aliph.). Weighted average: 1.88 kPa (@ 20°C)
Vapor Density	The highest known value is 4.1 (Air = 1) (Solvent naphtha (petroleum), light arom.). Weighted average: 3.83 (Air = 1)
Volatility	Not available.
Odor Threshold	The highest known value is 0.62 ppm (Benzene, 1,3-dimethyl-) Weighted average: 0.32 ppm
Water/Oil Dist. Coeff.	The product is much more soluble in oil.
Ionicity (in Water)	Not available.
Dispersion Properties	Is not dispersed in cold water, hot water. See solubility in methanol, diethyl ether, n-octanol, acetone.
Solubility	Easily soluble in diethyl ether, n-octanol, acetone. Soluble en methanol. Insoluble in cold water, hot water.

Section 4. Fire and Explosion Hazard

The Product is:	Flammable.
Fire Hazards in Presence of Various Substances	Highly flammable in presence of open flames and sparks. Slightly flammable to flammable in presence of heat, of oxidizing materials, of combustible materials. Non-flammable in presence of shocks, of organic materials, of metals, of acids, of alkalis, of moisture.
Fire Fighting Media and Instructions	Flammable liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Special Remarks on Fire Hazards	Container explosion may occur under fire conditions or when heated. (Solvent naphtha (petroleum), light aliph.)
Flash Points	The lowest known value is CLOSED CUP: Between -18°C (0°F) and 23°C (73°F).. OPEN CUP: 7°C (44.6°F). (Cleveland). (Solvent naphtha (petroleum), light aliph.)
Flammable Limits	The greatest known range is LOWER: 1.6% UPPER: 13.8% (2-Propanol, 1-methoxy-)
Auto-Ignition Temperature	The lowest known value is 287°C (548.6°F) (2-Propanol, 1-methoxy-).
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. Highly explosive in presence of open flames and sparks.
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	Reactive with oxidizing agents, reducing agents, organic materials, acids, alkalis. Slightly reactive to reactive with combustible materials, metals. Non-reactive with moisture.
Corrosivity	Not considered to be corrosive for metals and glass.
Special Remarks on Reactivity	Air sensitive. (2-Propanol, 1-methoxy-)
Special Remarks on Corrosivity	Not available.

Section 6. Toxicological Properties

Routes of Entry	Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 790 mg/kg [Rat]. (1-Butanol). Acute dermal toxicity (LD50): 3400 mg/kg [Rabbit]. (1-Butanol).
Effects of Acute Exposure	Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Hazardous in case of skin contact (sensitizer), of inhalation. Slightly hazardous in case of skin contact (permeator). Non-corrosive for skin. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Chronic Effects on Humans	CARCINOGENIC EFFECTS: Classified A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [1-Butanol]. Classified 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [Silica amorphous, fumed, cryst.-free]. Classified A4 (Not classifiable for human or animal.) by ACGIH [Benzene, 1,3-dimethyl-]. Classified 1 (Clear evidence.) by NTP [Quartz (SiO ₂)]. Classified 2A (Probable for human.) by IARC [Quartz (SiO ₂)]. Classified None. by OSHA [Quartz (SiO ₂)]. Classified 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [2-Propanol, 1-methoxy-]. Classified 4 (Probably not for human.) by IARC, 4 (No evidence.) by NTP, None. by OSHA [Carbon black]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.

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	DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to blood, kidneys, lungs, the nervous system, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Not available.
Special Remarks on Toxicity to Animals	
Special Remarks on Chronic Effects on Humans	Exposure can cause coughing, chest pains, difficulty in breathing. (2-Propanol, 1-methoxy-)
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. May cause allergic reactions, exzema and/or dehydration of the skin. (Solvent naphtha (petroleum), light aliph.)
Exposure Limits	<p>Solvent naphtha (petroleum), light aliph. TWA: 400 (ppb)</p> <p>1-Propanol, 2-methyl- TWA: 50 (ppb) from ACGIH (TLV) [United States] [1993]</p> <p>Benzene, methyl- TWA: 50 (ppb) from ACGIH (TLV) [United States] [1993] TWA: 188 (ppm) from ACGIH (TLV) [United States] [1993]</p> <p>1-Butanol TWA: 50 CEIL: 50 (ppb)</p> <p>Solvent naphtha (petroleum), light arom. TWA: 25 (ppb) [1992] TWA: 123 (ppm) from ACGIH (TLV) [United States]</p> <p>Benzene, ethyl- TWA: 100 STEL: 125 (ppm) from ACGIH (TLV) [United States] STEL: 125 (ppm) from NIOSH</p> <p>Benzene, 1,3-dimethyl- STEL: 150 (ppm) from ACGIH (TLV) [United States] [1999] TWA: 100 (ppm) from ACGIH (TLV) [United States] [1999]</p> <p>Benzene, 1,2-dimethyl- TWA: 100 (ppb)</p> <p>Benzene, 1,4-dimethyl- TWA: 100 (ppb)</p> <p>Quartz (SiO₂) TWA: 0.1 (mg/m³) from ACGIH (TLV) [United States] Respirable.</p> <p>2-Propanol, 1-methoxy- TWA: 100 STEL: 150 (ppb) from ACGIH (TLV) [United States] TWA: 100 STEL: 150 (ppm) from NIOSH TWA: 360 STEL: 540 (mg/m³) from NIOSH TWA: 100 STEL: 150 (ppm) from OSHA (PEL) [United States] TWA: 540 STEL: 360 (mg/m³) from OSHA (PEL) [United States]</p> <p>1-Propanol, 2-methoxy- TWA: 100 (ppb)</p> <p>2-Pentanone, 4-hydroxy-4-methyl- TWA: 50 CEIL: 75 (ppb) [1989] TWA: 240 CEIL: 360 (ppm) from ACGIH (TLV) [United States]</p> <p>Manganese oxide (MnO₂) TWA: 5 (mg/m³) from ACGIH (TLV) [United States] TWA: 5 (ppm)</p> <p>Aluminum oxide TWA: 10 (mg/m³) from ACGIH (TLV) [United States] TWA: 10 CEIL: 20 (ppm)</p> <p>Carbon black TWA: 3.5 CEIL: 7 (ppm) from ACGIH (TLV) [United States]</p> <p>Consult local authorities for acceptable exposure limits.</p>

Section 7. Preventive Measures

Personal Protection	Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.	
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. 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 threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.	
Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.	
Large Spill	Toxic flammable liquid, insoluble or very slightly soluble in water. Keep away from heat. Keep away from sources of ignition. 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. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.	
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	
Precautions	Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. 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. Keep away from incompatibles such as oxidizing agents, reducing agents, organic materials, acids, alkalis.	
Storage	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).	
TDG Classification	Class 3: Flammable liquid.	
PIN	1263 PAINT	PG: II
Special Provisions for Transport	Not available.	
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: 1-Propanol, 2-methyl-; Benzene, methyl-; XYLENE; Isobutyl alcohol; Benzene, ethyl-; Quartz (SiO₂)</p> <p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: 1-Propanol, 2-methyl-; Isobutyl alcohol; Quartz (SiO₂)</p> <p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: 1-Propanol, 2-methyl-; Isobutyl alcohol; Quartz (SiO₂)</p> <p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Benzene, methyl-</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: 1-Propanol, 2-methyl-; Isobutyl alcohol</p> <p>Illinois toxic substances disclosure to employee act: Benzene, ethyl-</p> <p>New York release reporting list: Benzene, 1,3-dimethyl-; Methanol; Acetic acid, butyl ester</p> <p>New York acutely hazardous substances: Benzene, ethyl-</p> <p>Rhode Island RTK hazardous substances: Benzene, ethyl-; 1,2-Propanediol; Methanol; 2-Propanol, 1-methoxy-</p> <p>Pennsylvania RTK: 1,2-Propanediol; Methanol: (environmental hazard); 2-Propanol, 1-methoxy-; Acetic acid, butyl ester</p> <p>Florida: Benzene, ethyl-; Benzene, 1,3-dimethyl-; Methanol; 2-Propanol, 1-methoxy-; Acetic acid, butyl ester</p> <p>Minnesota: Benzene, ethyl-; 1,2-Propanediol; Methanol; 2-Propanol, 1-methoxy-; Acetic acid, butyl ester</p> <p>Massachusetts RTK: Benzene, ethyl-; Benzene, 1,3-dimethyl-; Methanol; 2-Propanol, 1-methoxy-; Acetic acid, butyl ester</p> <p>New Jersey: Benzene, ethyl-; Methanol; 2-Propanol, 1-methoxy-; Acetic acid, butyl ester</p> <p>TSCA 8(b) inventory: Benzene, methyl-; N-Butyl Alcohol; XYLENE; Benzene, ethyl-; 1,2-Propanediol;</p>	

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2-Propanol, 1-methoxy-; Acetic acid, butyl ester; Irgalite Yellow WSR; Aluminum oxide
 TSCA 5(e) substance consent order: Acetic acid, butyl ester
 TSCA 8(d) H and S data reporting: Benzene, ethyl-; 2-Propanol, 1-methoxy-
 TSCA 12(b) annual export notification: Acetic acid, butyl ester
 SARA 302/304/311/312 extremely hazardous substances: N-Butyl Alcohol
 SARA 302/304/311/312 hazardous chemicals: Methanol
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: 1-Propanol, 2-methyl-: fire, immediate health hazard; XYLENE: fire, immediate health hazard; Isobutyl alcohol: fire, immediate health hazard; Benzene, ethyl-: fire, immediate health hazard; Quartz (SiO2): delayed health hazard; Acetic acid, butyl ester
 SARA 313 toxic chemical notification and release reporting: Benzene, methyl- 0.879421%; N-Butyl Alcohol 1.90751%; XYLENE 2.40518%; Burnt Umber 5250F 5.79857%
 CERCLA: Hazardous substances.: 1-Propanol, 2-methyl-; Benzene, methyl-; N-Butyl Alcohol; XYLENE; Isobutyl alcohol; Benzene, ethyl-: 1000 lbs. (453.6 kg); Methyl Alcohol; Acetic acid, butyl ester;
 OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Regulations

Other Classifications

WHMIS (Canada) CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).
 CLASS D-2A: Material causing other toxic effects (VERY TOXIC).
 CLASS D-2B: Material causing other toxic effects (TOXIC).

HCS (U.S.A.) CLASS: Contains material which can cause cancer.
 Class: Flammable liquid having a flash point lower than 37.8°C (100°F).
 Class: Irritating substance.
 CLASS: Sensitizing substance.
 Class: Target organ effects.

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

Health Hazard * 2
Fire Hazard 3
Reactivity 0
Personal Protection h

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

Health 2
Fire Hazard 3
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. Get medical attention immediately.

Skin Contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Hazardous Skin Contact Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

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

Hazardous Inhalation Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

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 C.M. Kelly on 7/12/2002. Verified by C.M. Kelly. Printed 11/22/2002.
Information Contact	Prepared by the Health, Safety and Environment Department, Chemcraft International Inc., P.O. Box 458, 155, Rose Glen Road North, Port Hope, ON. Canada. Phone: 905 885-6388 Fax: 905 885-5097

Notice to Reader

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