

# Material Safety Data Sheet

## Section 1. Product Identification and Use

Product Name - Trade Name **825-1119 FASTWIPE MANDARIN CHERRY (C25386)**

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

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### For Transport Emergency or After Hours

CANUTEC (613) 996-6666

**Code** 825-1119  
**Synonym** FASTWIPE MANDARIN CHERRY (C25386)  
**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 <sub>50</sub> /LD <sub>50</sub>	TLV/PEL
Ethylbenzene	100-41-4	1-5	ORAL (LD50): Acute: 3500 mg/kg [Rat]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].	<b>ACGIH (Canada).</b> TWA: 100 ppm STEL: 125 ppm
m-Methyltoluene	108-38-3	10-30	ORAL (LD50): Acute: 6750 mg/kg [Rat]. DERMAL (LD50): Acute: 12400 mg/kg [Rabbit].	Not available.
o-Methyltoluene	95-47-6	5-10	ORAL (LD50): Acute: 3600 mg/kg [Rat].	Not available.
p-Methyltoluene	106-42-3	5-10	ORAL (LD50): Acute: 4100 mg/kg [Rat].	Not available.
Light aromatic naphtha	64742-95-6	10-30	ORAL (LD50): Acute: 6960 mg/kg [Rat].	<b>ACGIH (Canada).</b> TWA: 123 mg/m <sup>3</sup>
Propylene glycol monomethyl ether	107-98-2	5-10	ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 13000 mg/kg [Rabbit].	<b>ACGIH (Canada).</b> TWA: 100 ppm STEL: 150 ppm <b>OSHA (Canada).</b> TWA: 100 ppm STEL: 150 ppm TWA: 540 mg/m <sup>3</sup> STEL: 360 mg/m <sup>3</sup>
Odourless mineral spirits	64741-65-7	5-10	Not available.	Not available.

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.

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### **Section 3. Physical Data**

<b>Physical State and Appearance</b>	Liquid.				
<b>Color</b>	Not available.	<b>Odor</b>	Not available.	<b>Taste</b>	Not available.
<b>Molecular Weight</b>	Not applicable.				
<b>pH (1% soln/water)</b>	Neutral.				
<b>Boiling Point</b>	The lowest known value is 120°C (248°F) (2-Propanol, 1-methoxy-). Weighted average: 144.8°C (292.6°F)				
<b>Melting Point</b>	May start to solidify at 13.3°C (55.9°F) based on data for: Benzene, 1,4-dimethyl-. Weighted average: -51.77°C (-61.2°F)				
<b>Critical Temperature</b>	Not available.				
<b>Specific Gravity</b>	0.967 (Water = 1)				
<b>Vapor Pressure</b>	The highest known value is 1.7 kPa (12.5 mmHg) (at 20°C) (2-Propanol, 1-methoxy-). Weighted average: 0.91 kPa (6.83 mmHg) (at 20°C)				
<b>Vapor Density</b>	The highest known value is 4.1 (Air = 1) (Solvent naphtha (petroleum), light arom.). Weighted average: 3.43 (Air = 1)				
<b>Volatility</b>	Not available.				
<b>Odor Threshold</b>	The lowest known value is 0.62 ppm (Benzene, 1,3-dimethyl-) Weighted average: 1.02 ppm				
<b>Water/Oil Dist. Coeff.</b>	The product is much more soluble in octanol.				
<b>Ionicity (in Water)</b>	Not available.				
<b>Dispersion Properties</b>	Is not dispersed in cold water, hot water. See solubility in methanol, diethyl ether, n-octanol, acetone.				
<b>Solubility</b>	Easily soluble in methanol, diethyl ether, n-octanol, acetone. Insoluble in cold water, hot water.				

### **Section 4. Fire and Explosion Hazard**

<b>The Product is:</b>	Flammable.
<b>Fire Hazards in Presence of Various Substances</b>	Highly flammable in presence of open flames, sparks and static discharge. Flammable in presence of heat, of combustible materials.
<b>Fire Fighting Media and Instructions</b>	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.
<b>Special Remarks on Fire Hazards</b>	Dangerous; this product may polymerize and ignite spontaneously in air. (Linseed oil, polymd., oxidized)
<b>Flash Points</b>	The lowest known value is Closed cup: 15°C (59°F). Open cup: 27°C (80.6°F). (Cleveland). (Benzene, ethyl-)
<b>Flammable Limits</b>	The greatest known range is LOWER: 1.6% UPPER: 13.8% (2-Propanol, 1-methoxy-)
<b>Auto-Ignition Temperature</b>	The lowest known value is 287°C (548.6°F) (2-Propanol, 1-methoxy-).
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO2).
<b>Explosion Hazards in Presence of Various Substances</b>	Risks of explosion of the product in presence of mechanical impact: Not available. Highly explosive in presence of open flames, sparks and static discharge.
<b>Special Remarks on Explosion Hazards</b>	Not available.

### **Section 5. Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Decomposition products</b>	Not available.
<b>Conditions of Instability</b>	Not available.
<b>Incompatibility with various substances</b>	Reactive with oxidizing agents, combustible materials, metals. Slightly reactive to reactive with reducing agents, organic materials, acids, alkalis.
<b>Corrosivity</b>	Not available.

Special Remarks on Reactivity	Air sensitive. (2-Propanol, 1-methoxy-)
Special Remarks on Corrosivity	Not available.

## Section 6. Toxicological Properties

Routes of Entry	Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 3500 mg/kg [Rat]. (Benzene, ethyl-). Acute dermal toxicity (LD50): 5000 mg/kg [Rabbit]. (Benzene, ethyl-). Acute toxicity of the vapor (LC50): 4785 ppm 4 hour(s) [Rat]. (Benzene, 1,4-dimethyl-).
Effects of Acute Exposure	Very hazardous in case of skin contact (irritant), of eye contact (irritant). Hazardous in case of skin contact (sensitizer, permeator), of ingestion, of inhalation. 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	<b>CARCINOGENIC EFFECTS:</b> Classified A4 (Not classifiable for human or animal.) by ACGIH [Benzene, 1,3-dimethyl-]. Classified A5 (Not suspected for human.) by ACGIH, 4 (Probably not for human.) by IARC, None. by OSHA [Methanol]. Classified 4 (Probably not for human.) by IARC, None. by OSHA [2-Propanol, 1-methoxy-]. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available. The substance is toxic to blood, kidneys, the nervous system, liver. Repeated or prolonged exposure to the substance can produce target organs damage.
Special Remarks on Toxicity to Animals	In laboratory inhalation studies, birth defects, increased foetal lethality and delayed foetal development have been observed in offspring of female animals, exposed during pregnancy, with a threshold response level in the range of 545 ppm concentration in the air. (1-Propanol, 2-methoxy-, acetate)
Special Remarks on Chronic Effects on Humans	0347 Animal: embryotoxic, foetotoxic, passes through the placental barrier. 0900 Detected in maternal milk in human. Narcotic effect; may cause nervous system disturbances. (Benzene, 1,3-dimethyl-)
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. (Benzene, 1,3-dimethyl-)
Exposure Limits	Not available.

## 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 occupational exposure limits. 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	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.
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Precautions	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. Wear suitable protective clothing. 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, combustible materials, metals.
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	3
PIN	1263 PAINT <b>PG: II</b>
Special Provisions for Transport	

**Federal and State  
Regulations**

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: Benzene, dimethyl-; Quartz (SiO<sub>2</sub>); Isobutyl alcohol; Benzene, ethyl-; Benzene, dimethyl-; Benzene, methyl-

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: Quartz (SiO<sub>2</sub>); Isobutyl alcohol

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: Benzene; Quartz (SiO<sub>2</sub>); Isobutyl alcohol

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; Benzene, methyl-

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: Benzene; Isobutyl alcohol

Illinois toxic substances disclosure to employee act: Benzene, ethyl-

New York release reporting list: Benzene, 1,3-dimethyl-; Methanol; Acetic Acid, Butyl Ester

New York acutely hazardous substances: Benzene, ethyl-

Rhode Island RTK hazardous substances: Benzene, ethyl-; 1,2-Propanediol; Methanol; 2-Propanol, 1-methoxy-

Pennsylvania RTK: 1,2-Propanediol; Methanol: (environmental hazard); 2-Propanol, 1-methoxy-; Acetic Acid, Butyl Ester; Acetic acid, 2-methylpropyl ester

Florida: Benzene, ethyl-; Benzene, 1,3-dimethyl-; Methanol; 2-Propanol, 1-methoxy-; Acetic Acid, Butyl Ester

Minnesota: Benzene, ethyl-; 1,2-Propanediol; Methanol; 2-Propanol, 1-methoxy-; Acetic Acid, Butyl Ester

Massachusetts RTK: Benzene, ethyl-; Benzene, 1,3-dimethyl-; Methanol; 2-Propanol, 1-methoxy-; Acetic Acid, Butyl Ester; Acetic acid, 2-methylpropyl ester

New Jersey: Benzene, ethyl-; Methanol; 2-Propanol, 1-methoxy-; Acetic Acid, Butyl Ester; Acetic acid, 2-methylpropyl ester

TSCA 8(b) inventory: Benzene, dimethyl-; 1,2-Propanediol; Benzene, ethyl-; 2-Propanol, 1-methoxy-; Benzene, dimethyl-; Acetic Acid, Butyl Ester; Benzene, methyl-; Aluminum oxide (Al<sub>2</sub>O<sub>3</sub>); N-Butyl Alcohol; Acetic acid, 2-methylpropyl ester

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: Benzene, dimethyl-: Fire Hazard, Immediate (Acute) Health Hazard; Quartz (SiO<sub>2</sub>): Delayed (Chronic) Health Hazard; Isobutyl alcohol: Fire Hazard, Immediate (Acute) Health Hazard; Benzene, ethyl-: Fire Hazard, Immediate (Acute) Health Hazard; Benzene, dimethyl-: Fire Hazard, Immediate (Acute) Health Hazard; Acetic Acid, Butyl Ester; Solvent naphtha (petroleum), light aliph.: Fire Hazard, Immediate (Acute) Health Hazard; Acetic acid, 2-methylpropyl ester: Fire Hazard, Immediate (Acute) Health Hazard

SARA 313 toxic chemical notification and release reporting: Benzene, dimethyl- 28.419%; Benzene, ethyl- 4.90686%; Methanol 0.207378%; Manganese oxide (MnO<sub>2</sub>) 0.348466%

CERCLA: Hazardous substances.: Benzene, dimethyl-; Isobutyl alcohol; Benzene, ethyl-: 1000 lbs. (453.6 kg); Methanol; Benzene, dimethyl-; Acetic Acid, Butyl Ester; Benzene, methyl-; N-Butyl Alcohol; Acetic acid, 2-methylpropyl ester;

**Other Regulations**

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

**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: Flammable liquid having a flash point lower than 37.8°C (100°F).  
 Class: Irritating substance.  
 Class: Target organ effects.

<b>Hazardous Material Information System (U.S.A.)</b>	<b>Health Hazard</b>	* 2
	<b>Fire Hazard</b>	3
	<b>Reactivity</b>	0
	<b>Personal Protection</b>	H

National Fire Protection Association (U.S.A.)	Health	2
	Fire Hazard	3
	Reactivity	0
	Specific Hazard	

## **Section 8. First Aid Measures**

<b>Eye Contact</b>	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.
<b>Skin Contact</b>	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.
<b>Hazardous Skin Contact</b>	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
<b>Hazardous Inhalation</b>	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.
<b>Ingestion</b>	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.
<b>Hazardous Ingestion</b>	Not available.

## **Section 9. Preparation Information**

<b>References</b>	-Manufacturers Material Safety Data Sheets.
<b>Other Special Considerations</b>	Not available.
<b>Related Information</b>	This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.
<b>Preparation Information</b>	<b>Validated by C.M. Kelly on 12/19/2002.</b> <b>Verified by C.M. Kelly.</b> <b>Printed 12/19/2002.</b>
<b>Information Contact</b>	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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