

# SAFETY DATA SHEET

## Klean Strip Brush Cleaner

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Printed: 04/17/2015

Revision: 04/17/2015

Supersedes Revision: 03/26/2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Klean Strip Brush Cleaner

**Company Name:** W. M. Barr  
2105 Channel Avenue  
Memphis, TN 38113

**Phone Number:** (901)775-0100

**Web site address:** www.wmbarr.com

**Emergency Contact:** 3E 24 Hour Emergency Contact (800)451-8346

**Information:** W.M. Barr Customer Service (800)398-3892

**Intended Use:** Clean up of natural and synthetic paint brushes.

**Synonyms:** QBC12, GBC12, QBC12W, QBC12M

**Additional Information** This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

### 2. HAZARDS IDENTIFICATION

**Flammable Liquids, Category 2**

**Acute Toxicity: Inhalation, Category 3**

**Acute Toxicity: Oral, Category 4**

**Acute Toxicity: Skin, Category 3**

**Skin Corrosion/Irritation, Category 2**

**Serious Eye Damage/Eye Irritation, Category 2A**

**Carcinogenicity, Category 2**

**Toxic To Reproduction, Category 2**

**Specific Target Organ Toxicity (single exposure), Category 1**

**Specific Target Organ Toxicity (repeated exposure), Category 2**

**Aspiration Toxicity, Category 1**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H225: Highly flammable liquid and vapor.  
H331: Toxic if inhaled.  
H302: Harmful if swallowed.  
H311: Toxic in contact with skin.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H351: Suspected of causing cancer.  
H361: Suspected of damaging fertility or the unborn child.  
H370: Causes damage to organs.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H304: May be fatal if swallowed and enters airways.

**GHS Precaution Phrases:** P233: Keep container tightly closed.  
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P240: Ground/bond container and receiving equipment.  
P241: Use explosion-proof electrical/ventilating/lighting equipment.  
P243: Take precautionary measures against static discharge.

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P242: Use only non-sparking tools.  
 P271: Use only outdoors or in a well-ventilated area.  
 P261: Avoid breathing gas/mist/vapours/spray.  
 P264: Wash hands thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P361+364: Take off immediately all contaminated clothing and wash it before reuse.  
 P362+364: Take off contaminated clothing and wash it before reuse.  
 P201: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P281: Use personal protective equipment as required.  
 P260: Do not breathe gas/mist/vapours/spray.  
 P370+378: In case of fire, use dry powder to extinguish.  
 P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P311: Call a POISON CENTER/doctor.  
 P322: Specific measures see label.  
 P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P330: Rinse mouth.  
 P302+352: IF ON SKIN: Wash with plenty of soap and water.  
 P312: Call a POISON CENTER/doctor if you feel unwell.  
 P321: Specific treatment see label.  
 P332+313: If skin irritation occurs, get medical advice/attention.  
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+313: If eye irritation persists, get medical advice/attention.  
 P308+313: IF exposed or concerned: Get medical attention/advice.  
 P314: Get medical attention/advice if you feel unwell.  
 P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P331: Do NOT induce vomiting.

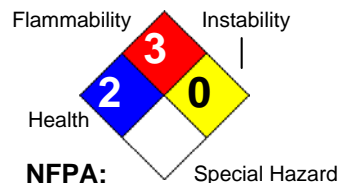
**GHS Response Phrases:**

**GHS Storage and Disposal Phrases:**

P403+235: Store in cool/well-ventilated place.  
 P501: Dispose of contents/container according to local, state and federal regulations.  
 P405: Store locked up.  
 P403+233: Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.

**Hazard Rating System:**

<b>HEALTH</b>	*	2
<b>FLAMMABILITY</b>	3	3
<b>PHYSICAL</b>	0	0
<b>PPE</b>	X	X



**HMIS:**

**OSHA Regulatory Status:**

This material is classified as hazardous under OSHA regulations.

**Potential Health Effects (Acute and Chronic):**

Inhalation Acute Exposure Effects:  
 Vapor harmful. May cause dizziness, headache, irritation of the respiratory tract, injuries to mucous membranes, watering of eyes, weakness, drowsiness, nausea, loss of coordination, numbness in fingers and arms and legs, depression of central nervous system, loss of appetite, blurred vision, fatigue, stupor, vomiting, stomach and intestinal pain, heartburn, confusion, brain damage, lower blood pressure, liver and kidney injury, hallucinations, irregular heartbeat, cold clammy extremities, diarrhea, blood disorders, spotted vision, dilation of pupils, visual disturbances, giddiness and intoxication, sleepiness, cough and dyspnea, nose tumors, hot flashes, arm leg and

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chest pain, rapid heartbeat, increase in carboxyhemoglobin levels which can cause stress to the cardiovascular system, convulsions, unconsciousness, coma, and death.

Elevated carboxyhemoglobin levels can be additive to the increase caused by smoking and other carbon monoxide sources.

Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal. May produce symptoms similar to those listed under ingestion.

#### Skin Contact Acute Exposure Effects:

This product may be absorbed through the skin. Harmful if absorbed through skin. May cause irritation, drying and cracking of skin, defatting of skin, dermatitis, itching, burning, redness, inflammation, swelling, tissue damage, keratitis, discomfort or pain, erythema, numbness in fingers and arms. May be absorbed readily to produce symptoms similar to those listed for ingestion. Prolonged or widespread contact may result in absorption of potentially harmful amounts of this material. May cause additional symptoms listed under inhalation.

#### Eye Contact Acute Exposure Effects:

This material is an eye irritant. May cause irritation and injury, redness, tearing, blurred vision, burns, conjunctivitis of eyes, corneal ulcerations of the eye. If not promptly removed, it will injure eye tissue, which may result in permanent damage.

#### Ingestion Acute Exposure Effects:

May be fatal or cause blindness if swallowed. May cause dizziness, headache, drowsiness, nausea, weakness, stupor, irritation to mouth throat and stomach, depression of the central nervous system, vomiting, muscle twitches, gastrointestinal irritation, diarrhea, loss of appetite, narcosis, red blood cell hemolysis, mental confusion, slurred speech, changes in white blood cells, fatigue, blindness, liver damage, kidney damage, heart damage, unconsciousness, convulsions, coma, and death.

May produce additional symptoms listed under inhalation. Liquid aspirated into lungs can cause chemical pneumonitis or pulmonary edema, which can be fatal.

#### Chronic Exposure Effects:

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged skin contact may result in absorption of a harmful amount of this material. Prolonged or repeated contact may cause dermatitis. May cause weakness, skin irritation, nausea, numbness in hands and feet, permanent central nervous system changes, some loss of memory, gastric disturbances, giddiness, insomnia, brain damage, bone marrow damage, liver damage, kidney damage, hallucinations, blood disorders, irregular heartbeat, jaundice, anemia, inflammation, redness, eye irritation, pancreatic damage, visual impairment or blindness.

Prolonged or repeated contact may cause drying and cracking of skin. Repeated overexposure may cause red blood cell hemolysis.

**Medical Conditions Generally Aggravated By Exposure:** Diseases of the skin, eyes, liver, kidneys, lungs, cardiovascular system, respiratory system, asthma, blood, inflammatory or fibrotic pulmonary disease, alcoholism, and rhythm disorders of the heart.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	< 1.0 %	PA8050000
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	<30.0 %	PC1400000
108-88-3	Toluene {Benzene, Methyl-; Toluol}	<36.0 %	XS5250000
141-43-5	Ethanol, 2-Amino- {Ethanalamine; Monoethanolamine; beta-Aminoethyl alcohol}	< 1.0 %	KJ5775000
64741-85-1	Raffinates (petroleum), sorption process	<36.0 %	NA
67-64-1	Acetone {2-Propanone}	<45.0 %	AL3150000
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	<45.0 %	KJ8575000
61790-44-1	Tall oil soap, potassium {Fatty acids, tall-oil, potassium salts}	< 6.0 %	NA

### 4. FIRST AID MEASURES

#### Emergency and First Aid Procedures:

##### Inhalation:

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

##### Skin Contact:

Irritation may result. Immediately wash with soap and water. Seek medical attention if irritation from contact persists.

##### Eye Contact:

Immediately flush with water, remove any contact lenses, continue flushing with water for at least 15 minutes, then get medical attention.

##### Ingestion:

Call you local poison control center, hospital emergency room, or physician immediately for instructions.

#### Signs and Symptoms Of Exposure:

Primary routes of exposure: Inhalation, ingestion, and dermal.

#### Note to Physician:

Poison. This product contains methylene chloride and methanol.

This product contains methanol which can cause intoxication and central nervous system depression. Methanol is metabolized to formic acid and formaldehyde. These metabolites can cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used to prevent methanol metabolism. Ethanol administration is indicated in symptomatic patients or at blood methanol concentrations above 20 ug/dl. Methanol is effectively removed by hemodialysis. Adrenalin should never be given to a person overexposed to methylene chloride.

Methylene Chloride is an aspiration hazard. Risk of aspiration must be weighed against possible toxicity of the material when determining whether to induce emesis or to perform gastric lavage. This material sensitizes the heart to the effects of sympathomimetic amines. Epinephrine and other sympathomimetic drugs may initiate

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cardiac arrhythmias in individuals exposed to this material. This material is metabolized to carbon monoxide. Consequently, elevations in carboxyhemoglobin as high as 50% have been reported, and levels may continue to rise for several hours after exposure has ceased. Data in experimental animals suggest there is a narrow margin between concentrations causing anesthesia and death.

### 5. FIRE FIGHTING MEASURES

	NFPA Class IB
<b>Flash Pt:</b>	4.00 F Method Used: TAG Closed Cup
<b>Explosive Limits:</b>	LEL: 1.00 UEL: No data.
<b>Autoignition Pt:</b>	No data.
<b>Suitable Extinguishing Media:</b>	Use carbon dioxide, dry powder, or alcohol resistant foam.
<b>Unsuitable Extinguishing Media:</b>	Water stream may be ineffective and spread the fire.
<b>Fire Fighting Instructions:</b>	Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.
<b>Flammable Properties and Hazards:</b>	Vapors may travel to source of ignition and flash back.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Vapors may cause flash fire or ignite explosively.  Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.  Small spills: Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.  Large spills: Dike far ahead of spill for later disposal.  Waste Disposal: Dispose in accordance with applicable local, state and federal regulations.
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### 7. HANDLING AND STORAGE

<b>Precautions To Be Taken in Handling:</b>	Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.  Do not use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.  Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can accumulate and explode if ignited.
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Do not spread this product over large surface areas because fire and health safety risks will increase dramatically.

**Precautions To Be Taken in Storing:** Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	PEL: 25 ppm STEL: 125 ppm (15 min)	TLV: 50 ppm	No data.
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
108-88-3	Toluene {Benzene, Methyl-; Toluol}	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
141-43-5	Ethanol, 2-Amino- {Ethanolamine; Monoethanolamine; beta-Aminoethyl alcohol}	PEL: 3 ppm	TLV: 3 ppm STEL: 6 ppm	No data.
64741-85-1	Raffinates (petroleum), sorption process	No data.	No data.	No data.
67-64-1	Acetone {2-Propanone}	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	PEL: 50 ppm	TLV: 20 ppm	No data.
61790-44-1	Tall oil soap, potassium {Fatty acids, tall-oil, potassium salts}	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** For OSHA controlled work place and other regular users --Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provided protection against vapors.

**Eye Protection:** Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

**Protective Gloves:** Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile rubber may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

**Other Protective Clothing:** Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

**Engineering Controls (Ventilation etc.):** Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate such as basements, bathrooms, or small enclosed areas. Whenever possible, use outdoors in an open area. If using indoors, open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- Stop -- ventilation is inadequate. Leave area immediately. If the work area is not well ventilated, then do not use this product. A dust mask does not

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	provide protection against vapors.
<b>Work/Hygienic/Maintenance Practices:</b>	Wash hands thoroughly after use and before eating, drinking, or smoking.
	Do not eat, drink, or smoke in the work area.
	Discard any clothing or other protective equipment that cannot be decontaminated.
	Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Clear to slightly turbid
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	> 133.00 F
<b>Autoignition Pt:</b>	No data.
<b>Flash Pt:</b>	4.00 F Method Used: TAG Closed Cup
<b>Explosive Limits:</b>	LEL: 1.00 UEL: No data.
<b>Specific Gravity (Water = 1):</b>	0.7649 - 0.9032
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.
<b>Vapor Density (vs. Air = 1):</b>	No data.
<b>Evaporation Rate:</b>	No data.
<b>Solubility in Water:</b>	No data.
<b>pH:</b>	10.5
<b>Percent Volatile:</b>	100.0 % by weight.
<b>VOC / Volume:</b>	780.0000 G/L

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	No data available.
<b>Incompatibility - Materials To Avoid:</b>	Incompatible with strong oxidizing agents, strong caustics, acids, alkali, amines, reducing agents, aldehydes, ammonia, nitrogen peroxides and reactive metals.
<b>Hazardous Decomposition Or Byproducts:</b>	Decomposition may produce carbon monoxide, carbon dioxide, acrid smoke, formaldehyde, oxides of nitrogen and irritating fumes, chlorine gas, small quantities of phosgene, and hydrogen chloride.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** This product has not been tested as a whole. Refer to section 2 for acute and chronic effects.

CAS# 75-09-2:  
Tumorigenic Effects:, TCLo, Inhalation, Rat, 3500. PPM, 6 Y.  
Result:  
Tumorigenic: Carcinogenic by RTECS criteria.  
Endocrine: Tumors.  
- Fundamental and Applied Toxicology., Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 4,30, 1984

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe.  
Result:  
Effects on Newborn: Growth statistics (e.g., reduced weight gain).  
Effects on Newborn: Physical.  
- Union Carbide Data Sheet, Union Carbide Corp., 39 Old Ridgebury Rd., Danbury, CT 06817, Vol/p/yr: 4/25, 1958

Standard Draize Test, Skin, Species: Rabbit, 810.0 MG, 24 H, Severe.  
Result:  
Specific Developmental Abnormalities: Musculoskeletal system.  
- European Journal of Toxicology and Environmental Hygiene., For publisher information, see TOERD9, Paris France, Vol/p/yr: 9,171, 1976

CAS# 108-88-3:  
Reproductive Effects:, TCLo, Inhalation, Rat, 800.0 MG/M3, 6 H, female 14-20 day(s) after conception.  
Result:  
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).  
Effects on Newborn: Behavioral.  
- Brazilian Journal of Medical and Biological Research., Vol/p/yr: 23,533, 1990

Standard Draize Test, Eyes, Species: Rabbit, 2.000 MG, 24 H, Severe.  
Result:  
Effects on Embryo or Fetus: Other effects to embryo.  
Specific Developmental Abnormalities: Eye, ear.  
- Prehled Prumyslove Toxikologie, Marhold, J., Organicke Latky, Prague Czechoslovakia, Vol/p/yr: -,29, 1986

CAS# 141-43-5:  
Acute toxicity, LD50, Oral, Rat, 1720. MG/KG.  
Result:  
Brain and Coverings: Other degenerative changes.  
Autonomic Nervous System: Other (direct) parasympathomimetic.  
Autonomic Nervous System: Parasympatholytic.  
- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 42,417, 1977

Open irritation test., Skin, Species: Rabbit, 505.0 MG, Moderate.  
Result:



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Peripheral Nerve and Sensation: Sensory change involving segmental distribution.

Behavioral: Alteration of classical conditioning.

- Union Carbide Data Sheet, Union Carbide Corp., 39 Old Ridgebury Rd., Danbury, CT 06817, Vol/p/yr: 1/13, 1972

Standard Draize Test, Eyes, Species: Rabbit, 250.0 UG, Severe.

Result:

Peripheral Nerve and Sensation: Sensory change involving segmental distribution.

Behavioral: Change in motor activity (specific assay).

Behavioral: Alteration of classical conditioning.

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 67-64-1:

Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.

Result:

Behavioral: Change in motor activity (specific assay).

Behavioral: Alteration of classical conditioning.

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 111-76-2:

Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.

Result:

Behavioral: Ataxia.

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 68,405, 1983

Acute toxicity, LD50, Skin, Species: Rabbit, 220.0 MG/KG.

Result:

Effects on Embryo or Fetus: Extra embryonic structures (e.g., placenta, umbilical cord).

Effects on Embryo or Fetus: Other effects to embryo.

Specific Developmental Abnormalities: Musculoskeletal system.

- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Acute toxicity, LD50, Oral, Rat, 250.0 mg/kg.

Result:

Lungs, Thorax, or Respiration: Changes in pulmonary vascular resistance.

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe.

Result:

Effects on Newborn: Apgar score (human only).

Effects on Newborn: Other neonatal measures or effects.

Effects on Newborn: Drug dependency.

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

**Carcinogenicity/Other**

IARC 2B - Possibly Carcinogenic to Humans

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**Information:** IARC 3: Not Classifiable as to Carcinogenicity in Humans.  
 ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans  
 ACGIH A4 - Not classifiable as a human carcinogen

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	Possible	2B	A3	Yes
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	n.a.	n.a.	n.a.	n.a.
108-88-3	Toluene {Benzene, Methyl-; Toluol}	n.a.	3	A4	n.a.
141-43-5	Ethanol, 2-Amino- {Ethanolamine; Monoethanolamine; beta-Aminoethyl alcohol}	n.a.	n.a.	n.a.	n.a.
64741-85-1	Raffinates (petroleum), sorption process	n.a.	n.a.	n.a.	n.a.
67-64-1	Acetone {2-Propanone}	n.a.	n.a.	A4	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	n.a.	3	A3	n.a.
61790-44-1	Tall oil soap, potassium {Fatty acids, tall-oil, potassium salts}	n.a.	n.a.	n.a.	n.a.

### 12. ECOLOGICAL INFORMATION

**General Ecological Information:** This product has not been tested as a whole.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose in accordance with applicable local, state, and federal regulations.

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Paint Related Material  
**DOT Hazard Class:** 3 FLAMMABLE LIQUID  
**UN/NA Number:** UN1263 **Packing Group:** II



**Additional Transport Information:** The shipper / supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

### 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	No	Yes 1000 LB	Yes
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	No	Yes 5000 LB	Yes
108-88-3	Toluene {Benzene, Methyl-; Toluol}	No	Yes 1000 LB	Yes
141-43-5	Ethanol, 2-Amino- {Ethanolamine;	No	No	No

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	Monoethanolamine; beta-Aminoethyl alcohol}			
64741-85-1	Raffinates (petroleum), sorption process	No	No	No
67-64-1	Acetone {2-Propanone}	No	Yes 5000 LB	No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	No	No	Yes-Cat. N230
61790-44-1	Tall oil soap, potassium {Fatty acids, tall-oil, potassium salts}	No	No	No

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes
108-88-3	Toluene {Benzene, Methyl-; Toluol}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes
141-43-5	Ethanol, 2-Amino- {Ethanolamine; Monoethanolamine; beta-Aminoethyl alcohol}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
64741-85-1	Raffinates (petroleum), sorption process	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
67-64-1	Acetone {2-Propanone}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
61790-44-1	Tall oil soap, potassium {Fatty acids, tall-oil, potassium salts}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

**Regulatory Information Statement:** All components of this material are listed on the TSCA Inventory or are exempt.

### 16. OTHER INFORMATION

**Revision Date:** 04/17/2015  
**Preparer Name:** W.M. Barr EHS Dept (901)775-0100  
**Additional Information About This Product:** No data available.  
**Company Policy or Disclaimer:** The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.