SAFETY DATA SHEET CARB Compliant General Purpose Automotive

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	Lacquer Thinn	Revision:04/23/2015IerSupersedes Revision:07/10/2012
1.	PRODUCT AND COMPANY I	DENTIFICATION
Product Name: Company Name:	CARB Compliant General Purpose Autor W. M. Barr 2105 Channel Avenue Memphis, TN 38113	motive Lacquer Thinner Phone Number: (901)775-0100
Web site address:	www.wmbarr.com	
Emergency Contact: Information:	3E 24 Hour Emergency Contact W.M. Barr Customer Service	(800)451-8346 (800)398-3892
Intended Use:	Paint, stain, and varnish thinning.	
Synonyms:	GWT50CA, CWT50CA, DWT50CA	
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: Oral, Category 4 Acute Toxicity: Skin, Category 3 Acute Toxicity: Inhalation, Category 3 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2 Germ Cell Mutagenicity, Category 1A 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.		
	H302: Harmful if swallowed.		
	H304: May be fatal if swallowed and enters airways.		
	H311: Toxic in contact with skin.		
	H315: Causes skin irritation.		
	H319: Causes serious eye irritation.		
	H331: Toxic if inhaled.		
	H340: May cause genetic defects {state route of exposure if it is conclusively proven that		
	no other routes of		
	exposure cause the hazard}.		
	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.		
GHS Precaution Phrases:	P201: Obtain special instructions before use.		
	P202: Do not handle until all safety precautions have been read and understoo	od.	
	P210: Keep away from heat/sparks/open flames/hot surfaces No smoking.		
	P233: Keep container tightly closed.		
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	P240: Ground/bond container and receiving equipment.			
	P241: Use explosion-proof electrical/ventilating/lighting/{/} equipment.			
	P242: Use only non-sparking tools.			
	P243: Take precautionary measures against static discharge.			
	P260: Do not breathe gas/mist/vapors/spray.			
	P264: Wash hands thoroughly after handling.			
	P270: Do not eat, drink or smoke when using this product.			
	P271: Use only outdoors or in a well-ventilated area.			
	P280: Wear protective gloves/protective clothing/eye protection/face protection.			
	P281: Use personal protective equipment as required.			
	P235: Keep cool.			
GHS Response Phrases:	P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.			
	P312: Call a POISON CENTER or doctor/physician if you feel unwell.			
	P302+352: IF ON SKIN: Wash with plenty of soap and water.			
	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.			
	P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove			
	contact lenses, if present and easy to do. Continue rinsing.			
	P307+311: IF exposed: Call a POISON CENTER or doctor/physician.			
	P308+313: IF exposed or concerned: Get medical attention/advice.			
	P311: Call a POISON CENTER or doctor/physician.			
	P314: Get medical attention/advice if you feel unwell.			
	P321: Specific treatment see label.			
	P330: Rinse mouth.			
	P331: Do NOT induce vomiting.			
	P332+313: If skin irritation occurs, get medical advice/attention.			
	P337+313: If eye irritation persists, get medical advice/attention.			
	P361: Remove/Take off immediately all contaminated clothing.			
	P363: Wash contaminated clothing before reuse.			
	P370+378: In case of fire, use dry chemical powder to extinguish.			
GHS Storage and Disposal	P403+233: Store container tightly closed in well-ventilated place.			
Phrases:	P405: Store locked up.			
	P501: Dispose of contents/container according to local, state and federal regulations.			
Hazard Rating System:				
	HEALTH * 3			
	FLAMMABILITY 3			
	PHYSICAL 0 Health			
HMIS:	PPE X NFPA: Special Hazard			
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.			
Potential Health Effects	Inhalation Acute Exposure Effects:			
(Acute and Chronic):	Vapor harmful. May cause dizziness; headache; watering of eyes; irritation of respiratory			
(Acute and Chronic).	tract; weakness; drowsiness; nausea; numbness in fingers, arms and legs; depression of			
	central nervous system; loss of appetite; fatigue; hallucinations; light headedness; visual			
	disturbances; giddiness and intoxication; sleepiness; cough and dyspnea; cold, clammy extremities; diarrhea; vomiting; dilation of pupils; spotted vision. Severe overexposure			
	may cause convulsions; unconsciousness; coma; and death. Intentional misuse of this			
	product by deliberately concentrating and inhaling can be harmful or fatal.			
	Skin Contact Acute Exposure Effects:			
	May be absorbed through the skin. May cause irritation; numbness in the fingers and			
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arms; drying of skin; and dermatitis. May cause increased severity of s	
under inhalation.	
Eye Contact Acute Exposure Effects:	
This material is an eye irritant. May cause irritation; burns; conjunctivitis corneal ulcerations of the eye. Vapors may irritate eyes.	of eyes; and
Ingestion Acute Exposure Effects:	
Poison. Cannot be made non-poisonous. May be fatal or cause blindne	ess. May cause
dizziness; headache; nausea; vomiting; burning sensation in mouth, thro	bat, and
stomach; loss of coordination; depression of the central nervous system	
stupor; gastrointestinal irritation; liver, kidney, and heart damage; diarrhe	
appetite; coma and death. May produce symptoms listed under inhalation	on.
Chronic Exposure Effects:	
Reports have associated repeated and prolonged overexposure to solve	ents with
neurological and other physiological damage. Prolonged or repeated co	· ·
dermatitis. Prolonged skin contact may result in absorption of a harmful	
material. May cause conjunctivitis; gastric disturbances; insomnia; dizzi	
weakness; fatigue; nausea; heart palpitations; skin irritation; numbness	
feet; permanent central nervous system changes; some loss of memory	· ·
damage; giddiness; visual impairment or blindness; kidney or liver dama	ige; and death.
May cause symptoms listed under inhalation.	
Target Organs: Central Nervous System, Liver, Kidney, Heart, Stomach System	ו, Respiratory

Primary Routes of Entry: Inhalation, Ingestion, Skin Absorption

Medical Conditions Generally Diseases of the skin, eyes, liver, kidneys, central nervous system and respiratory **Aggravated By Exposure:** system.

3. COMPOSITION/INFORMATION ON INGRE	DIENTS
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CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	10.0 -30.0 %	PC1400000
108-88-3	Toluene {Benzene, Methyl-; Toluol}	< 5.0 %	XS5250000
67-64-1	Acetone {2-Propanone}	60.0 -100.0 %	AL3150000
64742-89-8	Light aliphatic solvent naphtha (petroleum)	< 1.0 %	NA
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	0.0 -3.0 %	EL6475000
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	3.0 -7.0 %	KJ8575000
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl ester}	5.0 -10.0 %	AF7350000

Additional Chemical Specific percentage of composition is being withheld as a trade secret.

Information

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	4. FIRST AID MEASURES		
Emergency and First Aid Procedures:	Skin: Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation develops or persists.		
	Eyes: Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes. Seek medical attention.		
	Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.		
	Ingestion: If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.		
Signs and Symptoms Of Exposure:	See Potential Health Effects.		
Note to Physician:	Poison. This product contains methanol. Methanol is metabolized to formaldehyde and formic acid. These metabolites may 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 as an antidote. Methanol is effectively removed by hemodialysis. Call your local poison control center for further information.		
	5. FIRE FIGHTING MEASURES		
	NFPA Class IB		
Flash Pt:	0.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)		
Explosive Limits:	LEL: No data. UEL: No data.		
Autoignition Pt:	No data.		
Suitable Extinguishing Medi	a:Use carbon dioxide, dry powder, or alcohol resistant foam.		
Unsuitable Extinguishing Media:	None known.		
Fire Fighting Instructions:	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.		
Flammable Properties and Hazards:	Extremely flammable. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by an ignition source, such as pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at location distant from the material handling point. Product residue can ignite explosively. Do not weld or cut on empty containers.		

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	6. ACCIDENTAL RELEASE MEASURES
Steps To Be Taken In Case Material Is Released Or	Vapors may cause flash fire or ignite explosively.
Spilled:	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. 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.
	Keep out of confined spaces, sewers, and bodies of water.
	7. HANDLING AND STORAGE
Precautions To Be Taken in Handling:	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.
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
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.
67-64-1	Acetone {2-Propanone}	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
64742-89-8	Light aliphatic solvent naphtha (petroleum)	No data.	No data.	No data.
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	PEL: 200 ppm	TLV: 200 ppm STEL: 300 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.
123-86-4	Butyl acetate {n-Butyl acetate. Acetic	PEL: 150 ppm	TLV: 150 ppm	No data.
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acid, Butyl ester}	STEL: 200 ppm		
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 provide protection against vapors.		
Eye Protection:	Safety glasses, goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury.		
Protective Gloves:	Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile, rubber, and unsupported neoprene 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 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 build-up of vapors. Open all windows and doors. Use only with 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.		
Work/Hygienic/Maintenance Practices:	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		
Physical States:	[]Gas [X]Liquid []Solid		
Appearance and Odor:	Water White / Free and Clear		
Melting Point:	No data.		
Boiling Point:	No data.		
Autoignition Pt:	No data.		
Flash Pt:	0.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)		
Explosive Limits:	LEL: No data. UEL: No data.		
Specific Gravity (Water = 1):	0.8006		
Density:	6.653 LB/GL		
Vapor Pressure (vs. Air or	No data.		
mm Hg):			
Vapor Density (vs. Air = 1):	>1		
,			
Evaporation Rate: Solubility in Water:	> 1 Slight		

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Percent Volatile:	100.0 % by weight.
VOC / Volume:	233.2900 G/L
	10. STABILITY AND REACTIVITY
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	Incompatible with strong oxidizing agents, strong acids, and strong caustics.
	Acetone may form explosive mixtures with chromic anhydride, chromyl alcohol, hexachloromelamine, hydrogen peroxide, permonosulfuric acid, potassium tertbutoxide and thioglycol.
Hazardous Decomposition O Byproducts:	r Decomposition may produce carbon monoxide, carbon dioxide, and unidentified organic compounds in black smoke.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	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 health effects.
	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# 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# 78-93-3: Standard Draize Test, Eyes, Human, 350.0 PPM. Result: Behavioral: Anticonvulsant. - Journal of Industrial Hygiene and Toxicology, Vol/p/yr: 25,282, 1943
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Carcinogenic	 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., Dul 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 Effects on Embryo or Fetus: Other effects to embryo. Specific Developmental Abnormalities: Musculoskeletal system. Dow Chemical Company Reports., Dow Chemical USA, Health and Environmer 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: Other neonatal measures or effects. Effects on Newborn: Drug dependency. American Journal of Ophthalmiclogy., Ophthalmic Pub. Co., 435 N. Michigan Av Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946 			mbilical cord). ironment 6,		
Information:	ity/Other	IARC 3 - Not Classifiable as to Carcin ACGIH A3 - Confirmed Animal Carcin ACGIH A4 - Not Classifiable as a Hun	ogen with	Unknown Re	elevance to H	umans
CAS #	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-56-1	Methanol (Methy	/l 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.
67-64-1	Acetone {2-Prop	anone}	n.a.	n.a.	A4	n.a.
64742-89-8	Light aliphatic so	lvent naphtha (petroleum)	n.a.	n.a.	n.a.	n.a.
78-93-3	Methyl ethyl keto	ne {MEK; 2-Butanone}	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}		n.a.	3	A3	n.a.
123-86-4	Butyl acetate {n-	Butyl acetate. Acetic acid, Butyl ester}	n.a.	n.a.	n.a.	n.a.

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Lacquer Thinner Supersedes Revision: 07/10/2012 **12. ECOLOGICAL INFORMATION** This product has not been tested as a whole. General Ecological Information: **13. DISPOSAL CONSIDERATIONS** Dispose of in accordance with all applicable local, state, and federal regulations. Waste Disposal Method: Keep out of sewers and bodies of water. **14. TRANSPORT INFORMATION** LAND TRANSPORT (US DOT): **DOT Proper Shipping Name:** Paint Related Material **DOT Hazard Class:** FLAMMABLE LIQUID 3 Ш UN1263 **UN/NA Number:** Packing Group: Additional Transport The shipper/supplier may apply one of the following exceptions: Combustible Liquid, Information: 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. 313 (TRI) S. 304 RQ 67-56-1 Methanol {Methyl alcohol; Carbinol; Wood Yes 5000 LB No Yes alcohol} Yes 1000 LB 108-88-3 Toluene {Benzene, Methyl-; Toluol} No Yes 67-64-1 Acetone {2-Propanone} Yes 5000 LB No No 64742-89-8 Light aliphatic solvent naphtha (petroleum) No No No 78-93-3 Methyl ethyl ketone {MEK; 2-Butanone} Yes 5000 LB No No 111-76-2 Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, No No Yes-Cat. N230 (a glycol ether)} 123-86-4 Butyl acetate {n-Butyl acetate. Acetic acid, Butyl No Yes 5000 LB No ester} This material meets the EPA [X] Yes [] No Acute (immediate) Health Hazard 'Hazard Categories' defined [X] Yes [] No Chronic (delayed) Health Hazard for SARA Title III Sections [X] Yes [] No Fire Hazard 311/312 as indicated: [] Yes [X] No Sudden Release of Pressure Hazard [] Yes [X] No Reactive Hazard CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists 67-56-1 Methanol {Methyl alcohol; Carbinol; Wood CAA HAP, ODC: HAP; CWA NPDES: No; TSCA: Yes alcohol} 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 67-64-1 CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes -Acetone {2-Propanone} Inventory, 4 Test; CA PROP.65: No

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64742-89-8	Light aliphatic solvent naphtha (petroleum)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -
		Inventory; CA PROP.65: No
78-93-3	Methyl ethyl ketone {MEK; 2-Butanone}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -
		Inventory; CA PROP.65: No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether,	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes -
	(a glycol ether)}	Inventory; CA PROP.65: No
123-86-4	Butyl acetate {n-Butyl acetate. Acetic acid, Butyl	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: Yes -
	ester}	Inventory, 4 Test; CA PROP.65: No
		-

Regulatory Information:

Revision Date:	04/23/2015
Preparer Name:	W.M. Barr EHS Dept (901)775-0100
Additional Information Abo This Product:	out No data available.
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