1. PRODUCT AND COMPANY IDENTIFICATION					
Product Name:	KLEAN STRIP PREMIUM STRIPPER	R			
Company Name:	W. M. Barr	Phone Number:			
	2105 Channel Avenue	(901)775-0100			
	Memphis, TN 38113				
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:	Paint/Varnish Remover	(000)000 0002			
Product Code:	GKPS300, GKPS300W, QKPS301, C	NKD6201W			
	2. HAZARDS IDENTI	ICATION			
Flammable Liquids, Categor	y 2				
Acute Toxicity: Inhalation, C	ategory 4				
Skin Corrosion/Irritation, Ca	tegory 2				
Serious Eye Damage/Eye Irr					
	ity (single exposure), Category 1				
Specific Target Organ Toxic	ity (repeated exposure), Category 2				
{ % } { 1 } 					
<u> </u>					
GHS Signal Word:	Danger				
GHS Hazard Phrases:	Highly flammable liquid and vapor.				
	Causes skin irritation.				
	Causes serious eye irritation. Harmful if inhaled.				
	Causes damage to organs.				
	May cause damage to organs throug	h prolonged or repeated exposure			
GHS Precautionary Phrases:					
GIIS Frecautionaly Fillases.	Keep container tightly closed.	ines/not surfaces No smoking.			
	Ground/bond container and receiving	equipment			
	Use explosion-proof electrical/ventila				
	Use only non-sparking tools.				
	Take precautionary measures agains	t static discharge.			
	Do not breathe {dust/fume/gas/mist/v	apors/spray.			
	Wash hands thoroughly after handling	g.			
	Do not eat, drink or smoke when usin	g this product.			
	Use only outdoors or in a well-ventila				
	Wear protective gloves/protective clo	thing/eye protection/face protection.			
GHS Response Phrases:	IF ON SKIN: Wash with plenty of soa	p and water.			
	. ,	ff immediately all contaminated clothing. Rinse skin			
	with water/shower.				
		air and keep at rest in a position comfortable for			
	breathing.				
		Iter for several minutes. Remove contact lenses, if			
	present and easy to do. Continue rins	-			
	IF exposed: Call a POISON CENTER Call a POISON CENTER or doctor/pl				
	Get medical attention/advice if you fe				
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	Specific treatment see label.
	If skin irritation occurs, get medical advice/attention.
	If eye irritation persists, get medical advice/attention.
	Take off contaminated clothing and wash before re-use.
	In case of fire, use dry powder to extinguish.
GHS Storage and Disposal	Store in cool/well-ventilated place.
Phrases:	Store locked up.
	Dispose of contents/container according to local, state and federal regulations.
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):	See above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
616-38-6	Dimethyl carbonate	30.0 -60.0 %
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	10.0 -30.0 %
67-68-5	Methyl sulfoxide {Dimethyl sulfoxide; DMSO}	10.0 -30.0 %
100-41-4	Ethylbenzene {Ethylbenzol; Phenylethane}	3.0 -7.0 %
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	1.0 -5.0 %
1095-66-5	Oleic acid, compound with morpholine (1:1)	1.0 -5.0 %
67-64-1	Acetone {2-Propanone}	1.0 -5.0 %
68439-46-3	Alcohols, C9-11, ethoxylated	0.1 -1.0 %
98-82-8	Cumene {Benzene, 1-Methylethyl-; Isopropylbenzene}	0.1 -1.0 %
110-91-8	Morpholine {Diethylene imidoxide}	0.1 -1.0 %

Additional Chemical Information

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

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	Skin: Immediately begin washing the skin thoroughly with large amounts of water an soap, if available, while removing contaminated clothing. Seek medical attenti irritation persists.	
	Eyes: Immediately begin to flush eyes with water, remove any contact lens. Continu the eyes for at least 15 minutes, then seek immediate medical attention.	e to flush
	Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is give oxygen. Get immediate medical attention.	difficult,
	Ingestion: If swallowed, do NOT induce vomiting. Seek immediate medical attention. Ca physician, hospital emergency room, or poison control center immediately. Ne anything by mouth to an unconscious person.	
Signs and Symptoms Of	See Section 2.	
Exposure:		
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Note to Physician:

	5. FIRE FIGHTING MEASURES
	Flammability Class 1B
Flash Pt:	72.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits:	LEL: N.D. UEL: No data.
Autoignition Pt:	N.D.
	a:Use carbon dioxide, dry powder, or alcohol resistant foam.
Unsuitable Extinguishing Media:	Do not use straight streams of water. If water is used, use a water spray or fog.
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:	Danger! Flammable. Keep away from heat, sparks, flame, and all other sources of ignition. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated by synthetic clothing and other sources.
Hazardous Combustion	Carbon monoxide, carbon dioxide. sulfur oxides, hydrogen sulfide
Products:	
	6. ACCIDENTAL RELEASE MEASURES
Steps To Be Taken In Case	Vapors may cause flash fire or ignite explosively.
Material Is Released Or 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 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.
	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.

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SAFETY DATA SHEET KLEAN STRIP PREMIUM STRIPPER

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Do not use in small enclosed spaces, such as basements and bathrooms. Vapors can
accumulate and explode if ignited.Do not spread this product over large surface areas because fire and health safety risks
will increase dramatically.Precautions To Be Taken in
Storing:Store in a cool place in original container and protect from sunlight. Exposure to high
temperatures or prolonged exposure to sun may cause can to leak or swell. Do not store
near flames or at elevated temperatures.
Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
616-38-6	Dimethyl carbonate	ACGIH TLV	TLV: 500 ppm STEL: 750 ppm	
		OSHA PELs	PEL: 1000 ppm	
1330-20-7 {Benzene,	, , ,	ACGIH TLV	TLV: 100 ppm STEL: 150 ppm	
		OSHA PELs	PEL: 100 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	
100-41-4 {Ethylbenz	Ethylbenzene ol; Phenylethane}	ACGIH TLV	TLV: 20 ppm STEL: 125 ppm	
		OSHA PELs	PEL: 100 ppm	
	Methanol {Methyl alcohol; Wood alcohol}	ACGIH TLV	TLV: 200 ppm STEL: 250 ppm	
		OSHA PELs	PEL: 200 ppm	
67-64-1	Acetone {2-Propanone}	ACGIH TLV	TLV: 250 ppm STEL: 500 ppm	
		OSHA PELs	PEL: 1000 ppm	
	Cumene {Benzene, hyl-; Isopropylbenzene}	ACGIH TLV	TLV: 50 ppm	
		OSHA PELs	PEL: 50 ppm	
110-91-8 imidoxide}	Morpholine {Diethylene	ACGIH TLV	TLV: 20 ppm	
		OSHA PELs	PEL: 20 ppm	

Respiratory Equipment (Specify Type):	For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved self-contained breathing apparatus or powered air supply respirator or loose fitting hood.
	For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.
	A dust mask does not provide protection against vapors.
Eye Protection:	Chemical goggles, or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Chemical goggles or face shields are recommended when splashing or spraying of chemical is possible. A faceshield provides more protection to help reduce chemical contact to the face and eyes.
Protective Gloves:	Wear gloves with as much resistance to the chemical ingredients as possible. Laminate film gloves offer the best protection. 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. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.
Engineering Controls (Ventilation etc.):	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
	Use only with adequate ventilation to prevent buildup of vapors. If the work area is not well ventilated, DO NOT use this product. 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 air 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 and move to fresh air.
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.
	Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

	PHYSICAL AND CHEMICAL PROPERTIES
Physical States:	[]Gas [X]Liquid []Solid
Appearance and Odor:	Opaque viscous liquid, aromatic odor
	Odor threshold not determined.
pH:	N.D.
Melting Point:	N.D.
Boiling Point:	> 99.90 F
Flash Pt:	72.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Evaporation Rate:	< 1 (BuAC=1)
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.D. UEL: No data.
Vapor Pressure (vs. Air or	N.D.
mm Hg):	
Vapor Density (vs. Air = 1):	N.D.
Specific Gravity (Water = 1):	0.977 - 1.001
Density:	8.13 - 8.33 LB/GL
Solubility in Water:	Appreciable
Solubility Notes:	
Octanol/Water Partition	N.D.
Coefficient:	
Percent Volatile:	96.22 % by weight.
VOC / Volume:	50.0000 % WT
Autoignition Pt:	N.D.
Decomposition Temperature:	
Viscosity:	1000 - 3000 CPS
Corrosion Rate:	N.D.
Additional Physical	N.D. = Not Determined
Information	
	10. STABILITY AND REACTIVITY
Stability:	Unstable [] Stable [X]
Conditions To Avoid -	Stable
Instability:	
Incompatibility - Materials To Avoid:	Bases, oxygen, sodium, potassium, strong oxidizers, reactive metals, strong acids
Herendevia Decomposition or	Carbon monoxide, carbon dioxide
-	
Byproducts: Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]

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	11. TOXICOLOGICAL INFORMATION
Toxicological Information:	This product has not been tested as a whole. Refer to section 2 for acute and chronic
	effects.
	CAS# 1330-20-7:
	Acute toxicity, LC50, Inhalation, Rat, 5000. PPM, 4 H.
	Result:
	Behavioral: Muscle contraction or spasticity.
	Lungs, Thorax, or Respiration:Other changes.
	- Raw Material Data Handbook, Vol.1: Organic Solvents, 1974., National Assoc. of
	Printing Ink Research Institute, Francis McDonald Sinclair Memorial Labor, Lehigh Univ Bethlehem, PA 18015, Vol/p/yr: 1,123, 1974
	Detilieneni, r A 10015, V0/p/yl. 1,125, 1974
	Standard Draize Test, Eyes, Species: Rabbit, 5.000 MG, 24 H, Severe.
	Result:
	Behavioral: General anesthetic.
	Behavioral: Somnolence (general depressed activity).
	Behavioral: Irritability.
	- "Sbornik Vysledku Toxixologickeho Vysetreni Latek A Pripravku,", Institut Pro Vychov
	Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho,
	Prumyclu Praha Czechoslovakia, Vol/p/yr: -,24, 1972
	CAS# 100-41-4:
	Tumorigenic Effects:, TCLo, Inhalation, Rat, 750.0 ppm.
	Result:
	Tumorigenic: Carcinogenic by RTECS criteria.
	Kidney, Ureter, Bladder: Tumors.
	Standard Draize Test, Eyes, Species: Rabbit, 500.0 MG, Severe.
	Result:
	Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per
	total number of implants).
	Effects on Fertility: Litter size (e.g.; # fetuses per litter; measured before birth).
	Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).
	- 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# 69420 46 2.
	•
	CAS# 68439-46-3: Acute toxicity, LD50, Oral, Rat, 1378. MG/KG. Result: Behavioral: Somnolence (general depressed activity). Behavioral: Ataxia.

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				S	upersedes Revis	ion: 12/21/2021
		Gastrointestinal:Hypermotility, diar - Journal of the American College Vol/p/yr: 10(4),427, 1991		Mary Ann L	iebert, Inc., N	lew York, NY
Chronic Toxi Effects:	cological	This product has not been tested a	as a whole.			
Carcinogenic Information:	city/Other	IARC 2B - Possibly Carcinogenic to Humans 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 C	omponents (Chemical Name)	NTP	IARC	ACGIH	OSHA
616-38-6	Dimethyl carb	onate	n.a.	n.a.	n.a.	n.a.
1330-20-7	Xylene (mixed	l isomers) {Benzene, dimethyl-}	n.a.	3	A4	n.a.
67-68-5	Methyl sulfoxi	de {Dimethyl sulfoxide; DMSO}	n.a.	n.a.	n.a.	n.a.
100-41-4	Ethylbenzene	{Ethylbenzol; Phenylethane}	n.a.	2B	A3	n.a.
67-56-1	Methanol {Me	ethyl alcohol; Carbinol; Wood alcohol}	n.a.	n.a.	n.a.	n.a.
1095-66-5	Oleic acid, co	mpound with morpholine (1:1)	n.a.	n.a.	n.a.	n.a.
67-64-1	Acetone {2-P	ropanone}	n.a.	n.a.	A4	n.a.
68439-46-3	-	11, ethoxylated	n.a.	n.a.	n.a.	n.a.
98-82-8		nzene, 1-Methylethyl-; Isopropylbenzene}	Possible	2B	n.a.	n.a.
110-91-8	•	Diethylene imidoxide}	n.a.	3	A4	n.a.
		12. ECOLOGICAL IN		211		
Information:		13. DISPOSAL CONS				
Waste Dispo	sal Method:	Dispose in accordance with all app			deral regulation	ons.
		14. TRANSPORT INI	ORMATIC	DN		
	SPORT (US D	•				
DOT Prop DOT Haza	er Shipping N rd Class:	ame: Paint related material 3 FLAMMABLE				
UN/NA Nu		UN1263	Packing Grou	ıp:	II	
		FLAMMABLE LIQUID	U	•		
LAND TRANS	SPORT (Cana	dian TDG):				
TDG Ship	ping Name:					
UN Numbe	-	1263	Packing Grou	-	II	
Hazard Cla		3 - FLAMMABLE LIQUID	TDG Classific			
Additional Tr Information:	-	The shipper / supplier may apply of Consumer Commodity, Limited Qu or others, as allowed under 49CFF Subchapter C to ensure that subse	uantity, Viscous R Hazmat Regu	Liquid, Do Iations. Pl	es Not Sustai ease consult	n Combustio 49CFR
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endments and Reauthorization Act Components (Chemical Name) bonate ed isomers) {Benzene, dimethyl-} xide {Dimethyl sulfoxide; DMSO} e {Ethylbenzol; Phenylethane} Methyl alcohol; Carbinol; Wood	of 1986) Lists S. 302 (EHS) No No No No No	S. 304 RQ No Yes NA No	S. 313 (TRI) No Yes	
bonate ed isomers) {Benzene, dimethyl-} xide {Dimethyl sulfoxide; DMSO} e {Ethylbenzol; Phenylethane} /lethyl alcohol; Carbinol; Wood	No No No No	No Yes NA No	No	
ed isomers) {Benzene, dimethyl-} xide {Dimethyl sulfoxide; DMSO} e {Ethylbenzol; Phenylethane} /lethyl alcohol; Carbinol; Wood	No No No	Yes NA No		
xide {Dimethyl sulfoxide; DMSO} e {Ethylbenzol; Phenylethane} /lethyl alcohol; Carbinol; Wood	No No	No	res	
e {Ethylbenzol; Phenylethane} /lethyl alcohol; Carbinol; Wood	No			
lethyl alcohol; Carbinol; Wood		$\lambda I = - \lambda I \Lambda$	No	
•	No	Yes NA	Yes	
ompound with morpholine (1:1)		Yes NA	Yes	
	No	No	No	
Propanone}	No	Yes NA	No	
0-11, ethoxylated	No	No	No	
enzene, 1-Methylethyl-; nzene}	No	Yes NA	Yes	
Diethylene imidoxide}	No	No	Νο	
Components (Chemical Name)	Other US EPA o	r State Lists		
bonate	TSCA: Inventory			
ed isomers) {Benzene, dimethyl-}	CAA HAP,ODC: CWA NPDES	HAP: VHAP		
	TSCA: Inventory			
xide {Dimethyl sulfoxide; DMSO}	TSCA: Inventory			
e {Ethylbenzol; Phenylethane}	CAA HAP,ODC: CWA NPDES TSCA: Inventory			
	CA PROP.65: Ye	-		
lethyl alcohol; Carbinol; Wood	CAA HAP,ODC:			
	TSCA: Inventory CA PROP.65: Ye			
ompound with morpholine (1:1)	TSCA: Inventory			
Propanone}	TSCA: Inventory			
9-11, ethoxylated	TSCA: Inventory			
enzene, 1-Methylethyl-; nzene}	TSCA: Inventory			
Diethylene imidoxide}				
ei 1z	nzene, 1-Methylethyl-; zene} Diethylene imidoxide}	nzene, 1-Methylethyl-; CAA HAP,ODC: zene} TSCA: Inventory CA PROP.65: Ye Diethylene imidoxide} TSCA: Inventory	nzene, 1-Methylethyl-; CAA HAP,ODC: HAP: VHAP zene} TSCA: Inventory CA PROP.65: Yes: Canc.	

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.

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