



Safety Data Sheet

Formula No: 2108.20
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Mirachem QX-494 Paint Stripper (Use Dilution)

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

Product name: Mirachem QX-494 Paint Stripper (Use Dilution)
Identified uses: Use dilution of industrial cleaner for use in industrial parts washers.
Use restrictions: Use only for the purposes indicated on the label.

Company: Mirachem, LLC
P.O. Box 14059
Phoenix, Arizona 85063-4059
USA

Email address: SDS@mirachem.com
Customer service: USA (English) Telephone: 1 (800) 847-3527

Emergency phone number(s): USA (English, Business Hours) Telephone: 1 (800) 847-3527
Chemtrec (US, 24 hours) Telephone: 1 (800) 424-9300

2. HAZARD(S) IDENTIFICATION

GHS Classification

ACUTE TOXICITY: Oral Category 4
ACUTE TOXICITY: Inhalation Category 4
EYE DAMAGE / IRRITATION: Category 2A

GHS Label Elements

Pictogram



Signal word

Warning

Hazard statements

Harmful if swallowed. (H302)
Harmful if inhaled. (H332)
Causes serious eye irritation. (H319)

Precautionary Statements

Prevention: Wash hands thoroughly after handling. (P264) Do not eat, drink, or smoke when using this product. (H270)
Avoid breathing dust/fume/gas/mist/vapors/spray. (P261) Use only outdoors or in a well-ventilated area. (P271)
Wear eye protection/face protection. (P280)

Response: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. (P301 + P312)
Rinse mouth. (P330)
IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304 + P340) Call a POISON CENTER/doctor if you feel unwell. (P312)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305 + P351 + P338) If eye irritation persists: get medical advice/attention. (P337 + P313)

Storage: None required.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations. (P501) See SECTION 13 – DISPOSAL CONSIDERATIONS, for additional waste disposal information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixture

Ingredient:	CAS Number	Percent
Phenylcarbinol	100-51-6	5 - 25
Proprietary additives *	Proprietary	2 - 5

* Composition of this ingredient is a trade secret.

4. FIRST AID MEASURES

Protection of First-Aiders: First aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION, for specific personal protective equipment.

Inhalation: Spray mist may be irritating. Remove to fresh air. If breathing difficulty or irritation is severe or continues, immediately call for medical advice or assistance.

Eye contact: May cause serious eye damage. Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately seek medical attention.

Ingestion: If swallowed, treat symptomatically and supportively. Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. If adverse health effects develop, persist or are severe, seek medical attention if you feel unwell. Never give anything by mouth to an unconscious person.

Skin contact: No adverse effects expected. Prolonged or repeated exposure may cause mild irritation or drying of skin. If on skin, wash with plenty of water. If irritation develops or persists, get medical attention.

Symptoms and effects, both acute and delayed: Aside from the information provided above and below, no additional symptoms and effects are anticipated.

Notes to physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Skin contact may aggravate pre-existing dermatitis.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective. Do not use direct water stream. May spread fire.

Unusual fire and explosion hazards: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products: Decomposition products may include the following materials; carbon dioxide, carbon monoxide, nitrogen oxides.

Special precautions for fire fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving personal risk or without suitable training.

Special protective equipment for fire fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Isolate area. Keep unnecessary and unprotected personnel from entering the area. Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information, refer to SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION. Refer to SECTION 7 – HANDLING AND STORAGE, for additional precautionary measures.
Environmental precautions:	Prevent from entering into soil, ditches, sewers, waterways and/or ground water. See SECTION 12 – ECOLOGICAL INFORMATION for additional information.
Methods for cleaning up:	Contain spilled material; keep from entering soil, surface waters or sewers. <i>Small Spills:</i> Clean up with absorbent and collect absorbent for disposal in accordance with Federal, State or local disposal requirements. <i>Large Spills:</i> Dike or otherwise contain spilled material to insure runoff does not reach a waterway. Collect and drum off material for disposal in accordance with Federal, State or local disposal requirements. Notify local, state or federal authorities if required. Rinse with water. See SECTION 13 – DISPOSAL CONSIDERATIONS and SECTION 15 – REGULATORY REQUIREMENTS for additional information.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid contact with skin and eyes. Avoid breathing spray or mist. Wash hands thoroughly after handling. Keep container closed. Promptly clean up spills. See SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION for additional information.
Conditions for safe storage, including incompatibilities:	Keep containers tightly closed. Protect from freezing; may rupture or degrade product. Store between 40°F (4°C) and 110°F (43°C). Keep out of reach of children.
Recommended packaging materials:	Use original container or clean plastic (polyethylene) containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	None established by ACGIH or OSHA.
Engineering controls:	Good ventilation should be sufficient to control worker exposure to airborne contaminants. Provide additional ventilation as necessary to keep airborne concentrations of vapors/mists below threshold limit values. Provide eye wash station within close proximity to product usage.
Eye/Face protection:	Safety glasses with side shields (or chemical goggles) and face shield (if splashing is likely) to prevent eye and face exposure.
Skin protection:	Wear protective gloves/protective clothing as needed to prevent excessive skin contact. Where diluted product is heated to >140°F, wear thermal protective gloves.
Hand protection:	Wear chemical (acid) resistant, impermeable gloves (nitrile, vinyl or latex of 4 mil thickness or greater) as needed to prevent skin contact. Where diluted product is heated to >140°F, wear thermal protective gloves.
Respiratory protection:	Under intended handling conditions, no respiratory protection is needed. Avoid breathing dusts or mists.
Personal hygiene:	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, water-white liquid	Vapor pressure @ 25°C	0.0025 mm Hg*
		@ 50°C	0.0053 mm Hg*
Odor:	Mild detergent odor	Vapor density (air = 1)	Not established
Odor threshold:	Not available	Relative density:	Not established
pH:	3.0 – 4.0	Solubility in water:	Miscible
Melting point:	Not applicable to liquids	Partition coefficient:	Not established
Freezing point:	32°F (4°C)	Auto-ignition temperature:	Not established
Initial boiling point:	>212°F (>100°C)	Decomposition temperature:	Not established
Evaporation rate:	< 0.1	Viscosity @ 20°C:	< 100 cSt
Flash point:	>212°F (>100°C)	Liquid density @ 20°C:	1.05 – 1.08 g/cm ³
Flammability:	Not classified	VOC**	180 g/l (1.56 lb./gal)
Flammable limits in air:	Not established		

* Absolute (calculated)

** The VOC in this product has a vapor pressure of less than 0.1 mm Hg. Under many jurisdictions, this is classified as a low vapor pressure VOC. This material is **not** listed as a "Hazardous Air Pollutant (HAP)" under the Clean Air Act (CAA) list of volatile or organic hazardous air pollutants.

10. STABILITY AND REACTIVITY

Chemical stability & reactivity:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid:	No specific data.
Incompatible materials:	Avoid contact with strong acids, strong bases or strong oxidizers.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce CO ₂

11. TOXICOLOGICAL INFORMATION

The GHS health hazard classifications have been estimated based on the hazards of the individual components.

Likely routes of exposure: Inhalation _____ Skin contact X Eye contact X Ingestion _____

Acute Toxicity:

Oral:	Harmful if swallowed. Ingestion may cause nausea, vomiting and diarrhea.
Dermal:	May be harmful in skin contact. Repeated or prolonged contact may cause irritation, dermatitis, defatting and drying or crack of the skin.
Inhalation:	Harmful by inhalation. Inhalation of high vapor concentration may cause headache, drowsiness and irritation of the eyes and respiratory tract.
Other routes:	Not applicable.
Skin corrosion/irritation:	May be irritating to skin.
Serious eye damage/irritation:	Causes serious eye irritation.
Skin sensitization:	Does not meet the requirements for classification.
Respiratory sensitizer:	No relevant data available.

Chronic Toxicity:

Mutagenicity:	No component in this mixture is known to be a mutagen or genotoxin.	
Carcinogenicity:	No component of this mixture is listed by IARC, NTP, OSHA or ACGIH as a carcinogen.	
Teratogenicity:	No component in this mixture is known to be a teratogen.	
Developmental / Fertility effects:	No known significant effects or critical hazards.	
Specific Target Organ Toxicity (STOT)	Single dose:	No relevant data available.
	Repeat exposure:	No relevant data available
Aspiration hazard:	No relevant data available.	

12. ECOLOGICAL INFORMATION

The GHS health hazard classifications have been estimated based on the hazards of the individual components.

Toxicity:

Acute Aquatic Toxicity	No relevant data available.
Chronic Aquatic Toxicity	No relevant data available.
Persistence and degradability:	The individual components of this mixture are readily biodegradable.
Bioaccumulative potential:	No relevant data available.
Mobility in soil:	No relevant data available.

13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Empty containers may retain some product residues. Rinse container before disposal. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff with soil and waterways.

RCRA Classification: Unused disposed material is **not** a RCRA Hazardous Waste.

Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, State and local waste disposal requirements may be more restrictive or otherwise different from Federal laws and regulations.

14. TRANSPORT INFORMATION

UN Number:	N/A	Transportation Hazard Class:	N/A
UN Proper Shipping Name:	N/A	UN Packing Group:	None
ADR (EU Carriage):	Not regulated	RID (Rail)	Not regulated
AND/ADNR (Inland water):	Not regulated	ICAO/IATA (Air)	Not regulated
IMO/IMDG (Marine):	Not regulated		
DOT Shipping Name:	Non-regulated	DOT Hazard Classification:	N/A
NMFC Freight Class:	Cleaning Compound NOI, 48580, Sub 3, Class 55		
HS Tariff Classification (Schedule B)	3402.90.5030		
Special Precautions:	No known special precautions.		

15. REGULATORY INFORMATION

US Federal Regulations

SARA Title III

Section 302 – Extremely Hazardous Substance This product does not contain chemicals at levels which require reporting under this statute.

Section 302.4 & 304: CERCLA: Hazardous Substances Releases of this product to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

Sections 311 & 312	Immediate (acute) Health Hazard	Yes
	Delayed (chronic) Health Hazard	No
	Fire Hazard	No
	Reactive Hazard	No
	Sudden Release of Pressure	No

Section 313 This product does not contain chemicals at levels which require reporting under this statute.

TSCA

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US State Regulations

Arizona	Maricopa County Rule 331	This product is considered a Low-VOC cleaner.
California	California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)	This product does not contain any materials currently listed by California as chemicals known to cause cancer or known to have reproductive toxicity under Proposition 65.
Delaware	Air Quality Management List	This product does not contain any materials currently listed.
Illinois	Toxic Air Contaminants List	This product does not contain any materials currently listed.
Massachusetts	Hazardous Substances List	This product contains a material on this list. Phenylcarbinol (CAS No. 100-51-6) Hazard Code: 6
Michigan	Critical Materials	This product does not contain any materials currently listed.
Minnesota	Hazardous Substances List	This product does not contain any materials currently listed.
New Jersey	RTK Hazardous Substances List TCPA EHS List	This product does not contain any materials currently listed. This product does not contain any materials currently listed.
New York	List of Hazardous Substances	This product does not contain any materials currently listed.
Pennsylvania	Hazardous Substances List	This product contains a material on this list. Phenylcarbinol (CAS No. 100-51-6) Hazard Code: None listed.

International Regulatory Information

Notice: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warrantee, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with their Federal, State/Province, and local laws. The following specific information is made for the purpose of complying with numerous specific foreign regulations.

Country Substance (Chemical) Inventories

Canada	DSL	The individual components of this mixture are listed.
United States	TSCA	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

16. OTHER INFORMATION

HMIS Rating:

Health	1
Flammability	0
Physical Hazards	0

Protective Equipment

NFPA Rating:

Health	1
Flammability	0
Reactivity	0

Special

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Mirachem shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current status of scientific and technical knowledge.

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