

SAFETY DATA SHEET

QUICK RELEASE LOW ODOR MASTIC REMOVER

Revision: 12/04/2019

Supersedes Revision: 03/23/2017

1. Product and Company Identification

Product Code: 00044R12042019

Product Name: QUICK RELEASE LOW ODOR MASTIC REMOVER

Company Name: TWIN-CHEMICALS, INC. **Phone Number:**
6175 Hickory Flat Highway (800)442-4958
Suite 100-244
Canton, GA 30115

Web site address: www.twinchemicals.com

Email address: sales@twinchemicals.com

Emergency Contact: CERTS (Human/Environment exposure) (800)552-3787
Information: Information (980)044-2498

2. Hazards Identification

Flammable Liquids, Category 4
Aspiration Toxicity, Category 1
Acute Toxicity: Oral, Category 4
Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Skin, Category 4
Serious Eye Damage/Eye Irritation, Category 2A
Skin Corrosion/Irritation, Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: Combustible liquid.
Harmful if swallowed, in contact with skin or if inhaled.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.

GHS Precautionary Phrases: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.
Specific treatment see appropriate section on the label.
Rinse mouth.
Do NOT induce vomiting.
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.

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Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases:

Store in cool/well-ventilated place.

Store locked up.

Dispose of contents/container in accordance with all national, state and local regulations.

Potential Health Effects (Acute and Chronic):

Hazards not otherwise classified (HNOC) or not covered by GHS -none. Hazards not otherwise classified (HNOC) or not covered by GHS.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-47-8	Hydrotreated light distillate (petroleum)	<95.0 %
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	3.0 -5.0 %
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	< 5.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact:

Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact:

Flush eyes with water as a precaution. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure:

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed:

No data available.

5. Fire Fighting Measures

Flash Pt: > 67.00 C Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: > 230.00 C

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information. No data available.

Flammable Properties and Hazards: Nature of decomposition products not known.

Hazardous Combustion Products: No data available.

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6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Steps To Be Taken In Case Material Is Released Or Spilled:	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal. Soak up with inert absorbent material and dispose of as hazardous waste.

7. Handling and Storage

Precautions To Be Taken in Handling:	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class 510): Combustible liquids Non Combustible.
Other Precautions:	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-47-8	Hydrotreated light distillate (petroleum)	No data.	TLV: 200 mg/m ³	No data.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	PEL: 50 ppm	TLV: 20 ppm	No data.
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	No data.	No data.	No data.

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	NIOSH	TWA: 5 ppm	

Personal Protective Equipment Symbols:

Respiratory Equipment (Specify Type): Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection: Face shield and safety glasses. Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Protective Gloves: Handle with gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands. Full contact. Material: Nitrile rubber Minimum layer thickness: 0.4 mm. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar

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with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Other Protective Clothing:	Complete suit protecting against chemicals.
Engineering Controls (Ventilation etc.):	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Environmental Exposure Controls:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Clear liquid. solvent odor.	
pH:	NP	
Freezing Point:	~ -75.00 C	
Boiling Point:	169.00 C - 245.00 C	
Flash Pt:	> 67.00 C Method Used: Estimate	
Evaporation Rate:	> 1 (H ₂ O=1) at 20.0 C	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.	
Vapor Density (vs. Air = 1):	NA	
Specific Gravity (Water = 1):	0.819 - 0.829 at 20.0 C	
Solubility in Water:	< 3% at 20.0 C	
Octanol/Water Partition Coefficient:	No data.	
Percent Volatile:	~ 95 % by weight.	
VOC / Volume:	0.0000 G/L	
Autoignition Pt:	> 230.00 C	
Decomposition Temperature:	NA	
Viscosity:	No data.	

10. Stability and Reactivity

Reactivity:	No data available.
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Heat, flames and sparks. No data available.
Incompatibility - Materials To Avoid:	Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	No data available. In the event of fire: see section 5.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

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11. Toxicological Information

Toxicological Information:	Acute demal toxicity: LD50 rabbit Dose > 2,000 mg/kg
	Skin irritation: Rabbit Non irritant
	Eye irritation: Rabbit minimal irritant.
	No data available. Inhalation: Dermal. Genotoxicity in vitro - mouse - S.typhimurium: Host-mediated assay. Result: negative.
	Reproductive toxicity. Aspiration hazard: Germ cell mutagenicity. Hamster ovary. (OECD Test Guideline 474) Mouse. male.
	Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.
Irritation or Corrosion:	Skin corrosion/irritation. Result: Tumorigenic:Tumors at site or application. No skin irritation -4. Serious eye damage/eye irritation: Eyes: Rabbit. No skin irritation -4 h. Mild skin irritation Serious eye damage/eye irritation Eyes -rabbit
Sensitization:	Standard Draize Test. Species: Guinea pig. Result: Tumorigenic:Tumors at site or application. Maximisation Test. Does not cause skin sensitisation. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
Chronic Toxicological Effects:	Specific target organ toxicity -single exposure (Globally Harmonized System) No data available. Specific target organ toxicity -repeated exposure: no data available.
Carcinogenicity/Other Information:	IARC: Group 3: Not classifiable as to its carcinogenicity to humans 3. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-47-8	Hydrotreated light distillate (petroleum)	n.a.	n.a.	A4	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	n.a.	3	A3	n.a.
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information:	(OECD Test Guideline 201))
Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Persistence and Degradability:	No data available. Result: 90.4 % Readily biodegradable. Biodegradability Result: 86 % - Readily biodegradable.
Bioaccumulative Potential:	No data available. Does not bioaccumulate.
Mobility in Soil:	No data available.

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13. Disposal Considerations

Waste Disposal Method: Product.
This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging. Contact a licensed professional waste disposal service to dispose of this material.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.
Environmentally hazardous substance, liquid, n.o.s
(applies to single containers of more than 119 gallons -
smaller containers are not regulated)

DOT Hazard Class:

UN/NA Number:

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)
64742-47-8	Hydrotreated light distillate (petroleum)	No	No	No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	No	No	Yes-Cat. N230
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64742-47-8	Hydrotreated light distillate (petroleum)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR, 12(b); CA PROP.65: No; CA TAC, Title 8: No

16. Other Information

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Additional Information About This Product: VOC CONTENT: 0.0 g/l
HAP CONTENT: 0.0 g/l

Company Policy or Disclaimer: THE INFORMATION CONTAINED HEREIN is based upon available information at the time of preparation and is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that the information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or any other user proximately caused by the material if misused or if reasonable safety procedures are not adhered to as stipulated in the data sheet and on the product label. Furthermore, vendor assumes no responsibility for injury or damage caused by abnormal use of this material even if reasonable safety measures are followed.