

**SAFETY DATA SHEET****1. Identification**

**Product Name:** MA-55 XTREME! Mastic Remover  
**Product Code:** B8702  
**SDS Date:** 10/13/2017  
**Use:** Industrial

**Express Chem LLC; Mast-Away Mastic Removers**  
600 West Woodbine Avenue  
Kirkwood, MO 63122  
masticremover.com

**General Information: 314-266-4600; Toll-Free: 844-266-4600**  
**CHEMTREC: 800-424-9300 Ref. Chemisphere**

**2. Hazard(s) identification****GHSClassification**

Flammable liquids (Category 3)  
Skin irritation (Category 2)  
Serious eye irritation (Category 2A)  
Carcinogenicity (Category 2)  
Specific target organ toxicity (single exposure) (Category 3) - Narcotic effects, Respiratory irritation  
Specific target organ toxicity (single exposure) (Category 1)  
Specific target organ toxicity (single exposure) (Category 2)  
Specific target organ toxicity (repeated exposure) (Category 1)  
Aspiration hazard (Category 1)

**Pictogram**

**Signalword** Danger

**HazardStatement**

Flammable liquid and vapor  
May be fatal if swallowed and enters airways  
Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation  
May cause drowsiness or dizziness  
Suspected of causing cancer  
Causes damage to organs (lungs)  
May cause damage to organs (central nervous system)  
Causes damage to organs (nervous system, respiratory system) through prolonged or repeated exposure

**Precautionary**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, open flames, sparks. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapors, spray, mist. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear impermeable protective gloves, eye protection, flame retardant protective clothing. Specific treatment (see Section 4.1 of SDS or information on this label). If swallowed: Immediately call doctor, poison center. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. If skin irritation occurs: Get medical advice/ attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. In case of fire: Use water spray or fog, foam, carbon dioxide (CO<sub>2</sub>), dry chemical to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations

**Hazards not otherwise classified:** Not available

### 3. Composition/information on ingredients

Name	CAS	Concentration
m-Ethyltoluene	620-14-4	1-10
1,3,5-Trimethylbenzene	108-67-8	1-10
p-Ethyltoluene	622-96-8	1-10
Benzene, 1-ethyl-2-methyl	611-14-3	1-10
Xylene	1330-20-7	1-10
n-Propylbenzene	103-65-1	1-10
1,2,3-Trimethylbenzene	526-73-8	1-10
Cumene	98-82-8	<1
Ethylbenzene	100-41-4	<1
Other Aromatic hydrocarbons (C9-C10)	NA	1-10
Nonylphenol, ethoxylated	127087-87-0	1-10
Distillates (petroleum), hydrotreated light	64742-47-8	50-80
1,2,4-trimethylbenzene	95-63-6	1-10
Light Aromatic Solvent Naphtha	64742-95-6	10-30
2-Butoxyethanol	111-76-2	1-10

## 4. First-aid measures

<b>General Advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
<b>If Inhaled</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>In Case of Skin Contact</b>	Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>In Case of Eye Contact</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
<b>If Swallowed</b>	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms and effects, both acute and delayed

Not available
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### Indications of any immediate medical attention and special treatment needed

No data available
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## 5. Fire-fighting measures

<b>Extinguishing Media</b>	Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
<b>Special Hazards</b>	Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
<b>Advice for firefighters</b>	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 any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Further Information**

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**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## 7. Handling and storage

**Safe Handling**

Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Safe Storage**

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure controls/personal protection

Name		CAS	
m-Ethyltoluene		620-14-4	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	Not Available	Not Available
1,3,5-Trimethylbenzene		108-67-8	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	Not Available	Not Available

p-Ethyltoluene		622-96-8	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	Not Available	Not Available
Benzene, 1-ethyl-2-methyl		611-14-3	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	Not Available	Not Available
Xylene		1330-20-7	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
100 ppm	150 ppm	100 ppm	150 ppm
n-Propylbenzene		103-65-1	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	Not Available	Not Available
1,2,3-Trimethylbenzene		526-73-8	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	Not Available	Not Available
Cumene		98-82-8	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	50 ppm	Not Available
Ethylbenzene		100-41-4	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
100 ppm	Not Available	20 ppm	125 ppm
Other Aromatic hydrocarbons (C9-C10)		NA	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
No data available	No data available	No data available	No data available
Nonylphenol, ethoxylated		127087-87-0	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
No data available	No data available	No data available	No data available
Distillates (petroleum), hydrotreated light		64742-47-8	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	200 mg/m3	Not Available

1,2,4-trimethylbenzene		95-63-6	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
Not Available	Not Available	Not Available	Not Available
Light Aromatic Solvent Naphtha		64742-95-6	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
No data available	No data available	No data available	No data available
2-Butoxyethanol		111-76-2	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
50 ppm	Not Available	20 ppm	Not Available

**Engineering Control**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Eye/Face Protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields.

**Skin Protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body Protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Respiratory Protection**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Control of Environmental Exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## 9. Physical and chemical properties

<b>Appearance</b>	Distillates (petroleum), hydrotreated light	Liquid
<b>Odor</b>	Distillates (petroleum), hydrotreated light	Mild. Hydrocarbon.
<b>Odor Threshold</b>	Distillates (petroleum), hydrotreated light	Not available.
<b>pH</b>	Distillates (petroleum), hydrotreated light	Not applicable.
<b>Melting/Freezing Point</b>	Distillates (petroleum), hydrotreated light	-49°C (-56.2°F)
<b>Initial Boiling Point/Range</b>	Distillates (petroleum), hydrotreated light	148.89 to 212.78°C (300 to 415°F)
<b>Flash Point</b>	Distillates (petroleum), hydrotreated light	Closed cup: 40°C (104°F) [Tagliabue.]
<b>Evaporation Rate</b>	Distillates (petroleum), hydrotreated light	0.12 (butyl acetate = 1)
<b>Flammability</b>	Distillates (petroleum), hydrotreated light	Not available.
<b>Upper Explosion Limit</b>	Distillates (petroleum), hydrotreated light	5.5%
<b>Lower Explosion Limit</b>	Distillates (petroleum), hydrotreated light	0.6%
<b>Vapor Pressure</b>	Distillates (petroleum), hydrotreated light	0.21 kPa (1.6 mm Hg) [room temperature]
<b>Vapor Density</b>	Distillates (petroleum), hydrotreated light	4.5 [Air = 1]
<b>Relative Density</b>	Distillates (petroleum), hydrotreated light	0.7669
<b>Water Solubility</b>	Distillates (petroleum), hydrotreated light	Insoluble in the following materials: cold water and hot water.
<b>Partition Coefficient</b>	Distillates (petroleum), hydrotreated light	Not applicable.
<b>Auto Ignition Temperature</b>	Distillates (petroleum), hydrotreated light	>220°C (>428°F)
<b>Decomposition Temperature</b>	Distillates (petroleum), hydrotreated light	Not available.
<b>Viscosity</b>	Distillates (petroleum), hydrotreated light	Kinematic (40°C (104°F)): <0.1 cm <sup>2</sup> /s (<10 cSt)

## 10. Stability and reactivity

**Reactivity** No specific test data related to reactivity available for this product or its ingredients.

**Chemical Stability** The product is stable.

**Possibility of Hazardous Reactions** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid** Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

**Incompatible materials** Reactive or incompatible with the following materials: oxidizing materials

**Hazardous Decomposition Products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

Name	CAS
m-Ethyltoluene	620-14-4
Oral: no data available	
Inhalation: no data available	
Dermal: no data available	
<b>Skin corrosion/irritation</b> no data available	
<b>Serious eye damage/eye irritation</b> no data available	
<b>Respiratory or skin sensitization</b> no data available	
<b>Germ cell mutagenicity</b> no data available	
<b>Carcinogenicity</b> Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
<b>Reproductive</b> no data available	
<b>Additional information</b> no data available	



Name	CAS
1,3,5-Trimethylbenzene	108-67-8
LD50 Oral - Mouse - 7,000 mg/kg	
LD50 Oral - Rat - 5,000 mg/kg	
LC50 Inhalation - Rat - 4 h - 24,000 mg/m <sup>3</sup>	
No data available	
<b>Skin corrosion/irritation</b> No data available	
<b>Serious eye damage/eye irritation</b> Result: Mild eye irritation - 24 h	
<b>Respiratory or skin sensitization</b> No data available	
<b>Germ cell mutagenicity</b> No data available	
<b>Carcinogenicity</b> Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
<b>Reproductive</b> No data available	
<b>Additional information</b> No data available	

Name	CAS
p-Ethyltoluene	622-96-8
LD50 Oral - rat - 4,850 mg/kg	
Inhalation: no data available	
Dermal: no data available	
<b>Skin corrosion/irritation</b> no data available	
<b>Serious eye damage/eye irritation</b> no data available	
<b>Respiratory or skin sensitization</b> no data available	
<b>Germ cell mutagenicity</b> mouse Sister chromatid exchange	
<b>Carcinogenicity</b> Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
<b>Reproductive</b> no data available	
<b>Additional information</b> The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.	

Name	CAS
Benzene, 1-ethyl-2-methyl	611-14-3
Oral: no data available	
LC50 Inhalation - mouse - 4 h - 54,000 mg/m3	
Dermal: no data available	
<b>Skin corrosion/irritation</b> no data available	
<b>Serious eye damage/eye irritation</b> no data available	
<b>Respiratory or skin sensitization</b> no data available	
<b>Germ cell mutagenicity</b> no data available	
<b>Carcinogenicity</b> Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
<b>Reproductive</b> no data available	
<b>Additional information</b> The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.	

Name	CAS
Xylene	1330-20-7
Oral: No data available	
Inhalation: No data available	
Dermal: No data available	
<b>Skin corrosion/irritation</b> No data available	
<b>Serious eye damage/eye irritation</b> No data available	
<b>Respiratory or skin sensitization</b> No data available	
<b>Germ cell mutagenicity</b> No data available	
<b>Carcinogenicity</b> IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Xylene)	
<b>Reproductive</b> No data available	
<b>Additional information</b> No data available	

Name	CAS
n-Propylbenzene	103-65-1
LD50 Oral - rat - 6,040 mg/kg	
LC50 Inhalation - rat - 2 h - 65000 ppm	
Dermal: no data available	
<b>Skin corrosion/irritation</b> no data available	
<b>Serious eye damage/eye irritation</b> no data available	
<b>Respiratory or skin sensitization</b> no data available	
<b>Germ cell mutagenicity</b> no data available	
<b>Carcinogenicity</b> Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
<b>Reproductive</b> no data available	
<b>Additional information</b> May be fatal if swallowed and enters airways.	

Name	CAS
1,2,3-Trimethylbenzene	526-73-8
Oral: No data available	
Inhalation: No data available	
Dermal: No data available	
<b>Skin corrosion/irritation</b> No data available	
<b>Serious eye damage/eye irritation</b> No data available	
<b>Respiratory or skin sensitization</b> No data available	
<b>Germ cell mutagenicity</b> No data available	
<b>Carcinogenicity</b> Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
<b>Reproductive</b> No data available	
<b>Additional information</b> No data available	

Name	CAS
Cumene	98-82-8
LD50 Oral - Rat - male - 2,260 mg/kg	
Inhalation: No data available	
Dermal: No data available	
<b>Skin corrosion/irritation</b> Result: No skin irritation	
<b>Serious eye damage/eye irritation</b> Result: No eye irritation	
<b>Respiratory or skin sensitization</b> Result: Did not cause sensitisation on laboratory animals.	
<b>Germ cell mutagenicity</b> S. typhimurium Result: negative	
<b>Carcinogenicity</b> IARC: 2B - Group 2B: Possibly carcinogenic to humans (Cumene)	
<b>Reproductive</b> No data available	
<b>Additional information</b> May be fatal if swallowed and enters airways.	

Name	CAS
Ethylbenzene	100-41-4
LD50 Oral - Rat - male and female - 3,500 mg/kg	
Inhalation: No data available	
LD50 Dermal - Rabbit - 15,433 mg/kg	
<b>Skin corrosion/irritation</b> Result: Mild eye irritation	
<b>Serious eye damage/eye irritation</b> Result: Mild eye irritation	
<b>Respiratory or skin sensitization</b> No data available	
<b>Germ cell mutagenicity</b> Result: negative	
<b>Carcinogenicity</b> IARC: 2B - Group 2B: Possibly carcinogenic to humans (Ethylbenzene)	
<b>Reproductive</b> No data available	
<b>Additional information</b> May be fatal if swallowed and enters airways. Central nervous system depression, Nausea, Headache, Vomiting, Ataxia., Tremors	

Name	CAS
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Other Aromatic hydrocarbons (C9-C10)	NA
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No data available

No data available

No data available

**Skin corrosion/irritation** No data available

**Serious eye damage/eye irritation** No data available

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

**Carcinogenicity** No data available

**Reproductive** No data available

**Additional information** No data available

Name	CAS
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Nonylphenol, ethoxylated	127087-87-0
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Oral - Rat - >3310 ml/kg

Inhalation: No data available

Dermal - Rabbit - >2000 ml/kg

**Skin corrosion/irritation** Causes skin irritation

**Serious eye damage/eye irritation** Causes serious eye damage

**Respiratory or skin sensitization** This component is not expected to cause skin sensitization

**Germ cell mutagenicity** No data available

**Carcinogenicity** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, ACGIH, or OSHA

**Reproductive** This component is not expected to cause reproductive or developmental effects.

**Additional information** No data available

Name	CAS
Distillates (petroleum), hydrotreated light	64742-47-8
LD50 Oral - Rat - >5000 mg/kg	
Inhalation - No data available	
LD50 Dermal - Rabbit - >2000 mg/kg	
<b>Skin corrosion/irritation</b> Not available.	
<b>Serious eye damage/eye irritation</b> No known significant effects or critical hazards.	
<b>Respiratory or skin sensitization</b> Not available.	
<b>Germ cell mutagenicity</b> Not available.	
<b>Carcinogenicity</b> Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
<b>Reproductive</b> Not available.	
<b>Additional information</b> Adverse skin contact symptoms include irritation, dryness, and cracking. Adverse ingestion symptoms include vomiting or nausea.	

Name	CAS
1,2,4-trimethylbenzene	95-63-6
LD50 Oral - Rat - male - 6,000 mg/kg	
Inhalation: No data available	
Dermal: No data available	
<b>Skin corrosion/irritation</b> No data available	
<b>Serious eye damage/eye irritation</b> No data available	
<b>Respiratory or skin sensitization</b> No data available	
<b>Germ cell mutagenicity</b> Result: negative	
<b>Carcinogenicity</b> Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
<b>Reproductive</b> No data available	
<b>Additional information</b> prolonged or repeated exposure can cause:, narcosis, Bronchitis., Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	

Name	CAS
Light Aromatic Solvent Naphtha	64742-95-6
LD50 Oral Rat 8400 mg/kg	
LC50 inhalation rat (ppm) 3400 ppm/4h	
LC50 dermal rabbit >2000 mg/kg	
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	Not classified
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	
<b>Reproductive</b>	Not classified
<b>Additional information</b>	May be fatal if swallowed and enters airways. Harmful if inhaled. Causes damage to organs (nervous system) through prolonged or repeated exposure. May cause drowsiness or dizziness. May cause respiratory irritation. Causes damage to organs (lung).

Name	CAS
2-Butoxyethanol	111-76-2
LD50 Oral - Rat - 470 mg/kg	
LC50 Inhalation - Rat - 4 h - 450 ppm	
LD50 Intraperitoneal - Rat - 220 mg/kg, LD50 Intravenous - Rat - 307 mg/kg	
<b>Skin corrosion/irritation</b>	Result: Open irritation test
<b>Serious eye damage/eye irritation</b>	Result: Moderate eye irritation - 24 h
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)
<b>Reproductive</b>	Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.
<b>Additional information</b>	Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria. Swallowing of 2-butoxyethanol results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings., Central nervous system depression, Headache, narcosis

## 12. Ecological information

Name	CAS	Toxicity
m-Ethyltoluene	620-14-4	LC50 - Pimephales promelas (fathead minnow) - 6.9 mg/l - 96.0 h
1,3,5-Trimethylbenzene	108-67-8	LC50 - Carassius auratus (goldfish) - 12.52 mg/l - 96.0 h Immobilization EC50 - Daphnia magna (Water flea) - 6 mg/l - 48 h
p-Ethyltoluene	622-96-8	no data available
Benzene, 1-ethyl-2-methyl	611-14-3	no data available
Xylene	1330-20-7	No data available
n-Propylbenzene	103-65-1	LC50 - Oncorhynchus mykiss (rainbow trout) - 1.55 mg/l - 96.0 h Immobilization EC50 - Daphnia magna (Water flea) - 2 mg/l - 24 h
1,2,3-Trimethylbenzene	526-73-8	No data available
Cumene	98-82-8	LC50 - Oncorhynchus mykiss (rainbow trout) - 4.8 mg/l - 96 h EC50 - Daphnia (water flea) - 2.14 mg/l - 48 h Toxicity to algae EC50 - Pseudokirchneriella subcapitata (green algae) - 2.60 mg/l - 72 h
Ethylbenzene	100-41-4	flow-through test LC50 - Menidia menidia (Atlantic silverside) - 5.1 mg/l - 96 h, static test EC50 - Daphnia magna (Water flea) - 1.8 - 2.4 mg/l - 48 h, static test EC50 - Skeletonema costatum - 4.9 mg/l - 72 h
Other Aromatic hydrocarbons	NA	No data available
Nonylphenol, ethoxylated	127087-87-0	LC50 - fish - >10 mg/l, 96 hours Aquatic Ecotoxicity
Distillates (petroleum), hydro	64742-47-8	No data available



1,2,4-trimethylbenzene	95-63-6	flow-through test LC50 - Pimephales promelas (fathead minnow) - 7.72 mg/l - 96.0 h static test EC50 - Daphnia magna (Water flea) - 3.6 mg/l - 48 h
Light Aromatic Solvent Napht	64742-95-6	LC50 fish 9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) EC50 Daphnia 6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)
2-Butoxyethanol	111-76-2	LC50 - other fish - 220 mg/l - 96 h, EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h

### 13. Disposal considerations

Dispose of contents/container in accordance with local/regional/national/international regulations.

### 14. Transport information

<b>Proper Shipping Name</b>	Petroleum Distillates, n.o.s.
<b>Hazard Class</b>	3
<b>Identification Number</b>	UN1268
<b>Packing Group</b>	III
<b>Label</b>	Flammable

## 15. Regulatory information

Name	CAS
m-Ethyltoluene	620-14-4
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	No components were identified
<b>CERCLA</b>	No components were identified
<b>SARA 311/312</b>	Fire Hazard
<b>PROP 65</b>	No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name	CAS
1,3,5-Trimethylbenzene	108-67-8
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	No components were identified
<b>CERCLA</b>	No components were identified
<b>SARA 311/312</b>	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
<b>PROP 65</b>	No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name	CAS
p-Ethyltoluene	622-96-8
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	No components were identified
<b>CERCLA</b>	No components were identified
<b>SARA 311/312</b>	Fire Hazard
<b>PROP 65</b>	No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name	CAS
Benzene, 1-ethyl-2-methyl	611-14-3
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	No components were identified
<b>CERCLA</b>	No components were identified
<b>SARA 311/312</b>	Fire Hazard
<b>PROP 65</b>	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Xylene	1330-20-7
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	313
<b>CERCLA</b>	RQ=100 lbs
<b>SARA 311/312</b>	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
<b>PROP 65</b>	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
n-Propylbenzene	103-65-1
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	No components were identified
<b>CERCLA</b>	No components were identified
<b>SARA 311/312</b>	Fire Hazard, Acute Health Hazard
<b>PROP 65</b>	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	

Name	CAS
1,2,3-Trimethylbenzene	526-73-8
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	No components were identified
<b>CERCLA</b>	No components were identified
<b>SARA 311/312</b>	Acute Health Hazard
<b>PROP 65</b>	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Cumene	98-82-8
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	313
<b>CERCLA</b>	RQ = 5,000 lbs
<b>SARA 311/312</b>	Fire Hazard, Chronic Health Hazard
<b>PROP 65</b>	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Ethylbenzene	100-41-4
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	313
<b>CERCLA</b>	RQ=1,000 lbs
<b>SARA 311/312</b>	Fire Hazard, Chronic Health Hazard
<b>PROP 65</b>	Cancer hazard
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	

Name	CAS
Other Aromatic hydrocarbons (C9-C10)	NA
<b>SARA 302/304</b>	No data available
<b>SARA 313</b>	No data available
<b>CERCLA</b>	No data available
<b>SARA 311/312</b>	No data available
<b>PROP 65</b>	No data available
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Nonylphenol, ethoxylated	127087-87-0
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	No components were identified
<b>CERCLA</b>	No components were identified
<b>SARA 311/312</b>	No components were identified
<b>PROP 65</b>	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	
Name	CAS
Distillates (petroleum), hydrotreated light	64742-47-8
<b>SARA 302/304</b>	No components were identified
<b>SARA 313</b>	No components were identified
<b>CERCLA</b>	No components were identified
<b>SARA 311/312</b>	Immediate (acute) health hazard, Fire Hazard
<b>PROP 65</b>	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	

Name	CAS
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1,2,4-trimethylbenzene	95-63-6
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**SARA 302/304** No components were identified

**SARA 313** 313

**CERCLA** No components were identified

**SARA 311/312** Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**PROP 65** No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name	CAS
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Light Aromatic Solvent Naphtha	64742-95-6
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**SARA 302/304** No data available

**SARA 313** No data available

**CERCLA** No data available

**SARA 311/312** Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard

**PROP 65** No data available

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name	CAS
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2-Butoxyethanol	111-76-2
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**SARA 302/304** No components were identified

**SARA 313** No components were identified

**CERCLA** No components were identified

**SARA 311/312** Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**PROP 65** No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

**16. Other information, including date of preparation or last revision**

SDS Date: 10/13/2017

## Disclaimer:

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