

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
Product name : M.S. Prosol Blend
Synonyms : Petroleum Distillates

1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses : Industrial Use
Solvent Blend
Restrictions : None known

1.3. Details of the supplier of the safety data sheet

Mark Supply, Inc.
156 Progress Cir.
Venice, FL 34285
941-485-8199

1.4. Emergency telephone number

Emergency number : CHEMTREC 800-424-9300

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS-US classification**

Flammable liquids Category 3	H226
Acute toxicity (inhalation: dust, mist) Category 4	H332
Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation Category 2B	H320
Carcinogenicity Category 2	H351
Specific target organ toxicity (single exposure) Category 3	H336
Specific target organ toxicity (repeated exposure) Category 1	H372
Aspiration hazard Category 1	H304
Hazardous to the aquatic environment - Acute Hazard Category 2	H401
Hazardous to the aquatic environment - Chronic Hazard Category 2	H411

Full text of H statements : see section 16

2.2. Label elements**GHS-US labeling**

Hazard pictograms (GHS-US) :



GHS02

GHS07

GHS08

GHS09

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H320 - Causes eye irritation
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness
H351 - Suspected of causing cancer
H372 - Causes damage to organs through prolonged or repeated exposure
H401 - Toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects

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- Precautionary statements (GHS-US) :
- P201 - Obtain special instructions before use
 - P202 - Do not handle until all safety precautions have been read and understood
 - P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
 - P233 - Keep container tightly closed
 - P240 - Ground/Bond container and receiving equipment
 - P241 - Use explosion-proof electrical, lighting, ventilating equipment
 - P242 - Use only non-sparking tools
 - P243 - Take precautionary measures against static discharge
 - P260 - Do not breathe dust, fume, gas, mist, spray, vapors
 - P261 - Avoid breathing dust, fume, gas, mist, spray, vapors
 - P264 - Wash Skin thoroughly after handling
 - P270 - Do not eat, drink or smoke when using this product
 - P271 - Use only outdoors or in a well-ventilated area
 - P273 - Avoid release to the environment
 - P280 - Wear eye protection, face protection, protective gloves
 - P301+P310 - If swallowed: Immediately call a POISON CENTER or doctor/physician
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water
 - P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
 - P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
 - P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 - P308+P313 - If exposed or concerned: Get medical advice/attention
 - P312 - Call a POISON CENTER or doctor/physician if you feel unwell
 - P314 - Get medical advice/attention if you feel unwell
 - P331 - Do NOT induce vomiting
 - P332+P313 - If skin irritation occurs: Get medical advice/attention
 - P337+P313 - If eye irritation persists: Get medical advice/attention
 - P362+P364 - Take off contaminated clothing and wash it before reuse
 - P370+P378 - In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish
 - P391 - Collect spillage
 - P403+P233 - Store in a well-ventilated place. Keep container tightly closed
 - P403+P235 - Store in a well-ventilated place. Keep cool
 - P405 - Store locked up
 - P501 - Dispose of contents/container in accordance with local, regional, national, and/or international regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Mineral Spirits	(CAS No) 8052-41-3	<= 60	Flam. Liq. 3, H226 Eye Irrit. 2A, H319 Muta. 1B, H340 Carc. 1B, H350 Repr. 1B, H360 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Xylene	(CAS No) 1330-20-7	<= 40	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Carc. 2, H351 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance
- First-aid measures after skin contact : Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.
- First-aid measures after eye contact : Flush eyes with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May cause drowsiness or dizziness.
- Symptoms/injuries after skin contact : Irritation.
- Symptoms/injuries after eye contact : mild eye irritation.
- Symptoms/injuries after ingestion : Risk of lung edema.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : No additional information available.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Containers can build up pressure if exposed to heat and/ or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back.
- Reactivity : Flammable liquid and vapor.

5.3. Advice for firefighters

- Firefighting instructions : As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Evacuate all non-essential personnel from the spill area. Eliminate all ignition sources. Suitable protective clothing should be worn. Shut off or plug source of spill. NO open flames, NO sparks, and NO smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection" "

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Small Spills : Absorb on inert media and collect into suitable container.
- Large Spills : Dike spill area to contain liquid. Salvage as much re-useable liquid as possible into a suitable container. 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.
- Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

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Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes. Keep away from sources of ignition. –No smoking. Take measures to prevent the build up of electrostatic charge.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : This material is a static accumulator. Use non-sparking tools. Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers. Containers should be grounded and bonded.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Xylene (1330-20-7)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	150 ppm
ACGIH	Remark (ACGIH)	URT & eye irr; CNS impair
OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Mineral Spirits (8052-41-3)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	Remark (ACGIH)	Eye, skin, & kidney dam;
OSHA	OSHA PEL (TWA) (mg/m ³)	2900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm

8.2. Exposure controls

Appropriate engineering controls : Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of will vary depending upon potential exposure conditions.

Hand protection : If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

Eye protection : Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
 Color : Clear colorless
 Odor : Petroleum odor
 Odor threshold : No data available
 pH : No data available

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Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 301 - 312 °F
Flash point	: 96 °F
Relative evaporation rate (butyl acetate=1)	: 0.2
Flammability Limits	: Lower: 1 Upper: 6
Vapor pressure	: 7.9 mmHg
Relative vapor density at 20 °C	: No data available
Vapor density (Air-1)	: 4.5
Specific gravity / density	: 0.818
Solubility	: Negligible
Log Pow	: No data available
Auto-ignition temperature	: 457 °F
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

Volatile: >99 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal use and temperature conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Keep away from heat, flame and other potential ignition sources. Temperatures in excess of 120 °F for prolonged periods.

10.5. Incompatible materials

Strong acids, and oxidizers.

10.6. Hazardous decomposition products

Not expected to occur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Inhalation:dust,mist: Harmful if inhaled.

M.S. Prosol Blend	
ATE US (dust, mist)	3.474 mg/l/4h
Xylene (1330-20-7)	
ATE US (dermal)	1100.000 mg/kg body weight
ATE US (gases)	4500.000 ppmV/4h
ATE US (vapors)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h
Mineral Spirits (8052-41-3)	
LD50 oral rat	> 6500 mg/kg (Rat)

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes eye irritation.

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Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Suspected of causing cancer.

Xylene (1330-20-7)

IARC group	3 - Not Classifiable
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Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure) : Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard : May be fatal if swallowed and enters airways.
Symptoms/injuries after skin contact : Irritation.
Symptoms/injuries after eye contact : mild eye irritation.
Symptoms/injuries after ingestion : Risk of lung edema.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

M.S. Prosol Blend

Persistence and degradability	Inherently biodegradable.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not bioaccumulative.
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12.4. Mobility in soil

M.S. Prosol Blend

Mobility in soil	Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.
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12.5. Other adverse effects

Other adverse effects : No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1263 PAINT RELATED MATERIAL, 3, II (**RQ-Value for all containers 55 gallons and above**)

UN-No.(DOT) : UN1263

Proper Shipping Name (DOT) : PAINT RELATED MATERIAL.

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Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT) : II - Medium Danger
Hazard labels (DOT) : 3 - Flammable liquid



Dangerous for the environment : Yes
Marine pollutant : Yes



DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Symbols :
DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling
TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F)
TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP
DOT Packaging Exceptions (49 CFR 173.xxx) : 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L
DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded
Emergency Response Guide (ERG) Number : 128
Other information : No supplementary information available.

TDG

Not applicable

Transport by sea

UN-No. (IMDG) : 1993
Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, N.O.S.
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : II - substances presenting medium danger
Limited quantities (IMDG) : 1 L

Air transport

UN-No. (IATA) : 1993
Proper Shipping Name (IATA) : Flammable liquid, n.o.s.
Class (IATA) : 3 - Flammable Liquids
Packing group (IATA) : II - Medium Danger

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SECTION 15: Regulatory information

15.1. US Federal regulations

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All components are listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 302 Threshold Planning Quantity (TPQ)

100 lb

SARA Section 311/312 Hazard Classes

Delayed (chronic) health hazard
Immediate (acute) health hazard
Fire hazard

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Xylene

CAS No 1330-20-7

<= 40%

Xylene (1330-20-7)

CERCLA RQ

100 lb

Mineral Spirits (8052-41-3)

SARA Section 311/312 Hazard Classes

Immediate (acute) health hazard
Fire hazard
Delayed (chronic) health hazard

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

Xylene (1330-20-7)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

Mineral Spirits (8052-41-3)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Revision date

: 06/03/2016

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Full text of H-phrases:

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H320	Causes eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

NFPA health hazard

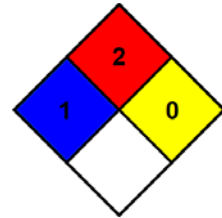
: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012)

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