

FORMULA FIVE Mold Cleaner #2

Safety Data Sheet
according to OSHA HCS and GHS - Canada WHMIS 2015

Version: 3.0
Revision date: 2021-01-01
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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product Identifier**

Product form : Mixture
Trade name : FORMULA FIVE Mold Cleaner #2

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

Relevant identified uses : Industrial cleaner

1.3 Details of the supplier of the safety data sheet

Supplier : REXCO
P.O. Box 80996
Conyers, GA 30013
U.S.A.

Telephone : 1-770-483-7610
Fax : 1-770-483-8550
Email : info@rexco-usa.com
Website : www.rexco-usa.com

1.4 Emergency telephone number

Chemtrec (24 hours/day) : 1-800-434-9300 (USA and Canada)
: 1-703-527-3887 (international; collect calls accepted)



Distributed by: US Composites, Inc. 561-842-6121,

www.uscomposites.com

SECTION 2. Hazards Identification**2.1 Classification of the substance or mixture**

Classification according to OSHA-HCS and GHS-Canada WHMIS 2015

| | | |
|---------------|------|--|
| Flam. Liq. 2 | H225 | Highly flammable liquid and vapour |
| Acute Tox. 4 | H302 | Harmful if swallowed |
| Asp. Tox 1 | H304 | May be fatal if swallowed and enters airways |
| Acute Tox. 4 | H332 | Harmful if inhaled |
| Skin Irrit. 2 | H315 | Causes skin irritation |
| Eye Irrit. 2 | H319 | Causes serious eye irritation |
| STOT SE 3 | H336 | May cause drowsiness or dizziness |
| Repr. 2 | H361 | Suspected of damaging fertility or the unborn child. |
| STOT SE 1 | H370 | Causes damage to organs |
| STOT RE 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |

See section 16 for full text of H-phrases.

2.2 Label elements

Labeling according to the Globally Harmonized System (GHS)

Pictograms



Signal word : Danger

Hazard statements

| | |
|-------------|--|
| H225 | Highly flammable liquid and vapour |
| H302 + H332 | Harmful if swallowed or if inhaled |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H336 | May cause drowsiness or dizziness |
| H361 | Suspected of damaging fertility or the unborn child. |
| H370 | Causes damage to organs |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

Precautionary statements

| | |
|--------------------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read label before use. |
| 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, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground and bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment. |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharges. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301 + P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
| P304 + P312 | IF INHALED: Call a POISON CENTER/doctor/...if you feel unwell. |
| 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. |
| P307 + P311 | IF exposed: Call a POISON CENTER or doctor/physician. |
| 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: See Section 5.2 for extinguishing media. |
| 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/international regulations. |

2.3 Other hazards

Percentage of mixture consisting of ingredients with unknown acute toxicity: 4.2693%
Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.

SECTION 3. Composition/information on ingredients**3.1 Substances**

Not applicable. This material is not defined as a substance.

3.2 Mixtures

This material is defined as a mixture.

Components contributing to the classification of this material

| | |
|---------|---------|
| Toluene | % |
| | 30 - 50 |

CAS No. 108-88-3
 Flam. Liq. 2, H225
 Asp. Tox. 1, H304
 Skin Irrit. 2, H315
 STOT SE 3, H336
 Repr. 2, H361
 STOT RE 2, H373

Acetone 10 - 20
 CAS No. 67-64-1
 Flam. Liq. 2, H225
 Eye Irrit. 2, H319
 STOT SE 3, H336

Distillates (petroleum), light distillate hydrotreating process, low-boiling AND/OR 10 - 20
 CAS No. 68410-97-9
 Naphtha (petroleum), hydrotreated light AND/OR
 CAS No. 64742-49-0
 Solvent naphtha (petroleum), light aliphatic
 CAS No. 64742-89-8
 Asp. Tox. 1, H304
 Muta. 1B, H340
 Carc. 1B, H350

Methanol 10 - 20
 CAS No. 67-56-1
 Flam. Liq. 2, H225
 Acute Tox. 3
 Acute Tox. 3
 Acute Tox. 3
 STOT SE 1

Butanone 10 - 20
 CAS No. 78-93-3
 Flam. Liq. 2, H225
 Eye Irrit. 2, H319
 STOT SE 3, H336

** Heptane 1 - 5
 CAS No. 142-82-5
 Flam. Liq. 2, H225
 Asp. Tox. 1, H304
 Skin Irrit. 2, H315
 STOT SE 3, H336
 Aquatic Acute 1
 Aquatic Chronic 1

** Other substances in the product which may present a health or environmental hazard.

Components not listed are either non-hazardous or are below reportable limits. Concentrations are in percent by weight.

SECTION 4. First aid measures

General information

Move out of dangerous area. Consult a physician. Show this safety data sheet to doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

4.1 Description of first aid measures

Inhalation

Call a physician or poison control center immediately. If unconscious, place in recovery position and see medical advice.

Skin

If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

Eyes

Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open when rinsing. If eye irritation persists, consult a specialist.

Ingestion

Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment

Treat symptomatically. Seek immediate medical attention if ingested.

SECTION 5. Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Use alcohol-resistant foam, carbon dioxide, or dry chemical.

Unsuitable extinguishing media

Do not use high volume water jet. Avoid spreading burning liquid with water used for cooling purposes.

5.2 Special hazards arising from the substance or mixture

Do not allow run-off from fire fighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with regional, national, and local laws and regulations. For safety reasons in case of fire, store cans separately in closed containments.

Hazardous decomposition products formed during combustion

Carbon oxides, unburned hydrocarbons, formaldehyde, toxic fumes

5.3 Advice for firefighters

Evacuate area. Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

SECTION 6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

6.2 Environmental precautions

Prevent product from entering drains, waterways, sewers, and soil. Stop spill at source and prevent further leakage or spillage if safe to do so. Notify proper authorities if product enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Contain spillage, then collect with non-combustible absorbent material (e.g. sand, diatomaceous earth, vermiculite) and place in container for disposal in accordance with regional, national, and local laws and regulations.

6.4 Reference to other sections

Section 7: safe handling. Section 8: personal and protective equipment. Section 10: incompatible materials. Section 13: disposal information. Section 16: full text of abbreviations.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Do not spray on a naked flame or incandescent material. Take necessary action to avoid static electricity discharge, which might cause ignition of organic vapors. Use only explosion-proof equipment. Keep away from open flames, hot surfaces, and sources of ignition. Avoid formation of aerosol. Do not breathe vapors or dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection, see Section 8. Smoking, eating, and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Open containers carefully as contents may be under pressure. Dispose of rinse water in accordance with regional, national, and local laws and regulations.

7.2 Conditions for safe storage, including any incompatibilities

Prevent unauthorized access. No smoking. 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. Observe label precautions. Electrical installations and working materials must comply with technological safety standards.

7.3 Specific end uses

See section 1.2

SECTION 8. Exposure controls/personal protection**8.1 Control parameters****Ingredients with limit values that require monitoring:**

Toluene

CAS No. 108-88-3

| | LTEL - 8 hours | | STEL - 15 minutes | |
|----------------------------|----------------|-------------------|-------------------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| Australia | 50 | 191 | 150 | 574 |
| Austria | 50 | 190 | 100 | 380 |
| Belgium | 20 | 77 | 100 | 384 |
| Canada - Ontario | 20 | | | |
| Canada - Québec | 50 | 188 | | |
| Denmark | 25 | 94 | 50 | 188 |
| Finland | 25 | 81 | 100 | 380 |
| France | 20 | 76.8 | 100 | 384 |
| Germany (AGS) | 50 | 190 | 200 | 760 |
| Germany (DFG) | 50 | 190 | 200 | 760 |
| Hungary | | 190 | | 380 |
| Ireland | 50 | 192 | 100 | 384 |
| Israel | 50 | 188 | | |
| Italy | 50 | 192 | | |
| Japan | 20 | | | |
| Japan (JSOH) | 50 | 188 | | |
| Latvia | 14 | 50 | 40 | 150 |
| New Zealand | 50 | 188 | | |
| People's Republic of China | | 50 | | 100 |
| Poland | | 100 | | 200 |
| Romania | 50 | 192 | 100 | 384 |
| Singapore | 50 | 188 | | |
| South Korea | 50 | 188 | 150 | 560 |
| Spain | 50 | 191 | 100 | 384 |
| Sweden | 50 | 192 | 100 | 384 |
| Switzerland | 50 | 190 | 200 | 760 |
| The Netherlands | | 150 | | 384 |
| Turkey | 50 | 192 | 100 | 384 |
| USA (ACGIH) | 20 | 75 | | |
| USA (NIOSH) | 100 | 375 | 150 | 560 |
| USA (OSHA) | 200 | | 300 | |
| United Kingdom | 50 | 191 | 100 | 384 |

Acetone

CAS No. 67-64-1

| | LTEL - 8 hours | | STEL - 15 minutes | |
|----------------------------|----------------|-------------------|-------------------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| Australia | 500 | 1185 | 1000 | 2375 |
| Austria | 500 | 1200 | 2000 | 4800 |
| Belgium | 500 | 1210 | 1000 | 2420 |
| Canada - Ontario | 250 | | 500 | |
| Canada - Québec | 500 | 1190 | 1000 | 2380 |
| Denmark | 250 | 600 | 500 | 1200 |
| Finland | 500 | 1200 | 630 | 1500 |
| France | 500 | 1210 | 1000 | 2420 |
| Germany (AGS) | 500 | 1200 | 1000 | 2400 |
| Germany (DFG) | 500 | 1200 | 1000 | 2400 |
| Hungary | | 1210 | | 2420 |
| Ireland | 500 | 1210 | | |
| Italy | 500 | 1210 | | |
| Japan | 750 | | | |
| Japan (JSOH) | 200 | 470 | | |
| Latvia | 500 | 1210 | | |
| New Zealand | 500 | 1185 | 1000 | 2375 |
| People's Republic of China | | 300 | | 450 |
| Poland | | 600 | | 1800 |
| Romania | 500 | 1210 | | |
| Singapore | 750 | 1780 | 1000 | 2380 |
| South Korea | 500 | 1188 | 750 | 1782 |
| Spain | 500 | 1210 | | |
| Sweden | 250 | 600 | 500 | 1200 |
| Switzerland | 500 | 1200 | 1000 | 2400 |
| The Netherlands | | 1210 | | 2420 |
| Turkey | 500 | 1210 | | |
| USA (ACGIH) | 250 | 594 | 500 | 1187 |
| USA (NIOSH) | 250 | 590 | | |
| USA (OSHA) | 1000 | 2400 | | |
| United Kingdom | 500 | 1210 | 1500 | 3620 |

Distillates (petroleum), light distillate hydrotreating process, low-boiling AND/OR

CAS No. 68410-97-9

Naphtha (petroleum), hydrotreated light AND/OR

CAS No. 64742-49-0

Solvent naphtha (petroleum), light aliphatic

CAS No. 64742-89-8

| | LTEL - 8 hours | | STEL - 15 minutes | |
|------------|----------------|-------------------|-------------------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| USA (OSHA) | 400 | 1600 | | |

Methanol

CAS No. 67-56-1

| | LTEL - 8 hours | | STEL - 15 minutes | |
|------------------|----------------|-------------------|-------------------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| Australia | 200 | 262 | 250 | 328 |
| Austria | 200 | 260 | 800 | 1040 |
| Belgium | 200 | 266 | 250 | 333 |
| Canada - Ontario | 200 | | 250 | |
| Canada - Québec | 200 | 262 | 250 | 328 |
| Denmark | 200 | 260 | 400 | 520 |
| Finland | 200 | 270 | 250 | 330 |
| France | 200 | 260 | | |
| Germany (AGS) | 200 | 270 | 800 | 1080 |
| Germany (DFG) | 100 | 130 | 200 | 260 |

| | | | | |
|----------------------------|-----|-----|-----|------|
| Hungary | | 260 | | |
| Ireland | 200 | 260 | | |
| Italy | 200 | 260 | | |
| Japan | 200 | | | |
| Japan (JSOH) | 200 | 260 | | |
| Latvia | 200 | 260 | | |
| New Zealand | 200 | 262 | 250 | 328 |
| People's Republic of China | | 25 | | 50 |
| Poland | | 100 | | 300 |
| Romania | 200 | 260 | | |
| Singapore | 200 | 262 | 250 | 328 |
| South Korea | 200 | 260 | 250 | 310 |
| Spain | 200 | 266 | 250 | 333 |
| Sweden | 200 | 250 | 250 | 350 |
| Switzerland | 200 | 260 | 800 | 1040 |
| The Netherlands | | 133 | | |
| Turkey | 200 | 260 | | |
| USA (NIOSH) | 200 | 260 | 250 | 325 |
| USA (OSHA) | 200 | 260 | | |
| United Kingdom | 200 | 266 | 250 | 333 |

Butanone

CAS No. 78-93-3

| | LTEL - 8 hours | | STEL - 15 minutes | |
|----------------------------|----------------|-------------------|-------------------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| Australia | 150 | 445 | 300 | 890 |
| Austria | 100 | 295 | 200 | 590 |
| Belgium | 200 | 600 | 300 | 900 |
| Canada - Ontario | 200 | | 300 | |
| Canada - Québec | 50 | 150 | 100 | 300 |
| Denmark | 50 | 145 | 100 | 290 |
| Finland | | | 100 | 300 |
| France | 200 | 600 | 300 | 900 |
| Germany (AGS) | 200 | 600 | 200 | 600 |
| Germany (DFG) | 200 | 600 | 200 | 600 |
| Hungary | | 600 | | 900 |
| Ireland | 200 | 600 | 300 | 900 |
| Israel | 200 | 590 | | |
| Italy | 200 | 600 | 300 | 900 |
| Japan | 200 | | | |
| Japan (JSOH) | 200 | 590 | | |
| Latvia | 67 | 200 | 300 | 900 |
| New Zealand | 150 | 445 | 300 | 890 |
| People's Republic of China | | 300 | | 600 |
| Poland | | 450 | | 900 |
| Romania | 200 | 600 | 300 | 900 |
| Singapore | 200 | 590 | 300 | 885 |
| South Korea | 200 | 590 | 300 | 885 |
| Spain | 200 | 600 | 300 | 900 |
| Sweden | 50 | 150 | 300 | 900 |
| Switzerland | 200 | 590 | 200 | 590 |
| The Netherlands | | 590 | | 900 |
| Turkey | 200 | 600 | 300 | 900 |
| USA (ACGIH) | 200 | 590 | 300 | 885 |
| USA (NIOSH) | 200 | 590 | 300 | 885 |
| USA (OSHA) | 200 | 590 | | |
| United Kingdom | 200 | 600 | 300 | 899 |

Heptane

CAS No. 142-82-5

| | LTEL - 8 hours | | STEL - 15 minutes | |
|----------------------------|----------------|-------------------|-------------------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| Australia | 400 | 1640 | 500 | 2050 |
| Austria | 500 | 2000 | 2000 | 8000 |
| Belgium | 400 | 1664 | 500 | 2085 |
| Canada - Ontario | 400 | | 500 | |
| Canada - Québec | 400 | 1640 | 500 | 2050 |
| Denmark | 200 | 820 | 400 | 1640 |
| Finland | 300 | 1200 | 500 | 2100 |
| France | 400 | 1668 | 500 | 2085 |
| Germany (AGS) | 500 | 2100 | 500 | 2100 |
| Germany (DFG) | 500 | 2100 | 500 | 2100 |
| Hungary | | 2000 | | 8000 |
| Ireland | 500 | 2085 | | |
| Italy | 500 | 2085 | | |
| Japan (JSOH) | 200 | 820 | | |
| Latvia | 85 | 350 | 500 | 2085 |
| New Zealand | 400 | 1640 | 500 | 2050 |
| People's Republic of China | | 500 | | 1000 |
| Romania | 500 | 2085 | | |
| South Korea | 400 | 1600 | 500 | 2000 |
| Sweden | 200 | 800 | 300 | 1200 |
| Switzerland | 400 | 1600 | 400 | 1600 |
| The Netherlands | | 1200 | | 1600 |
| Turkey | 500 | 2085 | | |
| USA (ACGIH) | 400 | 1640 | 500 | 2050 |
| USA (NIOSH) | 85 | 350 | 440 | 1800 |
| USA (OSHA) | 500 | 2000 | | |
| United Kingdom | 500 | | | |

Ingredients with biological monitoring guidance values (BMGV) and/or biological exposure index (BEI):

Toluene

CAS No. 108-88-3

BEI: 0.03 mg toluene/L urine (end of shift)

Acetone

CAS No. 67-64-1

BEI: 50 mg acetone/L urine (end of shift)

Methanol

CAS No. 67-56-1

BEI: 50 mg methanol/L urine (end of shift)

Butanone

CAS No. 78-93-3

BEI: 2 mg/L (28 µmol/L) of butan-2-one in urine (end of shift)

BMGV: 70 µmol butan-2-one/L urine (end of shift)

8.2 Exposure controls**Engineering controls**

Provide adequate local exhaust ventilation. Use explosion-proof electrical/ventilating/lighting equipment. Maintain eye wash fountain and safety shower in work area.

Personal protective equipment**General protective and hygienic measures**

Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke when using. Wash hands before breaks and immediately after handling the product. Immediately remove all soiled or contaminated clothing.

Eye and face protection

Chemical safety glasses with side shields, goggles or face shield are recommended. Eye wash stations are recommended for the work area.

Skin and body protection

Wear chemical resistant clothing and shoes. Safety showers are recommended for the work area.

Respiratory protection

Provide sufficient general and/or local exhaust. If engineering controls are not sufficient to protect worker health use a respirator approved under applicable regulatory standards.

Hand protection

Wear chemical resistant impervious gloves. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves.

Environmental controls

Prevent product from entering drains. Stop spill at source and prevent further leakage or spillage if safe to do so. If product contaminates rivers and lakes or drains, notify proper authorities.

SECTION 9. Physical and chemical properties

| | |
|--|-------------------------|
| Physical state | : Liquid |
| Physical form | : Liquid |
| Colour | : Clear |
| Odour | : Characteristic |
| Odour threshold | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Initial boiling point and boiling range | : No data available |
| Flammability | : Flammable liquid |
| Upper flammability limit | : No data available |
| Lower flammability limit | : No data available |
| Flash point | : < -18 °C (< -0.40 °F) |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| pH | : No data available |
| Viscosity | : No data available |
| Solubility (water) | : No data available |
| Partition coefficient n-octanol/water (log value) | : No data available |
| Vapour pressure | : No data available |
| Relative density at 20 °C (water = 1) | : 0.795 - 0.827 |
| Volatile organic compounds (VOC) | |
| VOC - actual | : 816 g/L |
| VOC less water & exempt solvents | : 816 g/L |

SECTION 10. Stability and reactivity**10.1 Reactivity**

Not reactive under normal conditions of use.

10.2 Chemical stability

Stable under normal conditions of use.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

Avoid heat, sparks, open flames, hot surfaces, or other sources of ignition.

10.5 Incompatible materials

Acids, alkali metals, amines, bases, chloroform, hydrogen peroxide, oxidizing agents, reducing agents

10.6 Hazardous decomposition products

Carbon oxides, unburned hydrocarbons, formaldehyde, toxic fumes

SECTION 11. Toxicological Information**Acute toxicity (product):**

Acute oral toxicity (estimate) : 687.21 mg/kg
 Acute inhalation toxicity (estimate) : 10.57 mg/l (4 hour exposure time; test atmosphere: vapour)
 Acute dermal toxicity (estimate) : 2120 mg/kg

Acute toxicity (components):

Methanol
 CAS No. 67-56-1

Acute oral toxicity (estimate) : Toxic after single ingestion.
 Acute inhalation toxicity (estimate) : Toxic after short term inhalation.
 Acute dermal toxicity (estimate) : Toxic after single contact with skin.

Skin corrosion/irritation : Irritating to skin.
 Serious eye damage/irritation : Causes serious eye irritation.
 Respiratory or skin sensitisation : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified
 Reproductive toxicity : Suspected of damaging fertility or the unborn child.
 STOT-single exposure : May cause drowsiness or dizziness.
 STOT-repeated exposure : May cause organ damage through prolonged or repeated exposure.
 Aspiration hazard : May be fatal if swallowed and enters airway

SECTION 12: Ecological information**12.1 Toxicity** : Aquatic toxicity:

Toluene
 CAS No. 108-88-3
 LC50 | 5.5 mg/l (Oncorhynchus mykiss (rainbow trout)) | 96 hour exposure time
 LC50 | 3.78 mg/l (Daphnia and other aquatic invertebrates) / 48 hour exposure time
 NOEC: 0.74 mg/l | 7 day exposure time
 Acute aquatic toxicity assessment: Toxic to aquatic life.
 Chronic aquatic toxicity assessment: Harmful to aquatic life with long lasting effects.

Distillates (petroleum), light distillate hydrotreating process, low-boiling AND/OR
 CAS No. 68410-97-9
 Naphtha (petroleum), hydrotreated light AND/OR
 CAS No. 64742-49-0
 Solvent naphtha (petroleum), light aliphatic
 CAS No. 64742-89-8
 LC50 | 10 mg/l (Oncorhynchus mykiss (rainbow trout)) | 96 hour exposure time
 LC50 | 8.2 mg/l (Pimephales promeles (fathead minnow)) | 96 hour exposure time

EC50 | 4.5 mg/l (Daphnia magna (water flea)) | 48 hour exposure time
 EC50 | 3.7 mg/l (Pseudokirchneriella subcapitata (green algae)) | 96 hour exposure time
 NOELR | 2.6 mg/l (Pimephales promeles (fathead minnow)) | 14 day exposure time
 NOELR | 2.6 mg/l (Daphnia magna (water flea)) | 21 day exposure time
 Chronic aquatic toxicity assessment: Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability : No data available
12.3 Bioaccumulative potential

Toluene : log Pow: 2.73 (20 °C)
 CAS No. 108-88-3

Distillates (petroleum), light distillate hydrotreating p : log Pow: 2.13 - 4.85 (25 °C)
 CAS No. 68410-97-9
 Naphtha (petroleum), hydrotreated light AND/OR
 CAS No. 64742-49-0
 Solvent naphtha (petroleum), light aliphatic
 CAS No. 64742-89-8

12.4 Mobility in soil : No data available
12.5 Other adverse effects : Hazardous for water. Dangerous to drinking water even in small quantities.
12.6 General notes : Toxic to aquatic life with long lasting effects.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Dispose of in accordance with regional, national, and local laws and regulations.

Material disposal : Do not dispose of waste into sewer. Do not contaminate ponds, waterways, or ditches with product or used container. Send to a licensed waste management company.

Container disposal : Do not dispose of waste into sewer. Do not contaminate ponds, waterways, or ditches with product or used container. Send to a licensed waste management company.

SECTION 14. Transport information

14.1 UN number

UN1993

14.2 UN proper shipping name

DOT : FLAMMABLE LIQUID, N.O.S. (Toluene, Distillates (Petroleum), Light Distillate Hydrotreating Process, Low-Boiling)
 ADR : FLAMMABLE LIQUID, N.O.S. (Toluene, Distillates (Petroleum), Light Distillate Hydrotreating Process, Low-Boiling)
 IMDG : FLAMMABLE LIQUID, N.O.S. (Toluene, Distillates (Petroleum), Light Distillate Hydrotreating Process, Low-Boiling), MARINE POLLUTANT
 IATA : FLAMMABLE LIQUID, N.O.S. (Toluene, Distillates (Petroleum), Light Distillate Hydrotreating Process, Low-Boiling)

14.3 Transport hazard class

3

14.4 Packing group

II

14.5 Environmental hazards

MARINE POLLUTANT

14.6 Special precautions for user

EmS: F-E, S-E
 Stowage category: B
 Kemler code: 33

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

14.8 Additional information

Limited Quantity: 1.0 L

Limited Quantity: 1.0 L

Tunnel code: D/E

SECTION 15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No information available for this material. Information provided is for components.

OSHA Hazard Communication Standard

This material is hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200

Superfund Amendments and Reauthorization Act (SARA)**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazard Categories

Flammable (gases, aerosols, liquids, or solids), Acute Toxicity (any route of exposure), Skin corrosion or irritation, Serious eye damage or eye irritation, Reproductive toxicity, Specific target organ toxicity (single or repeated exposure), Aspiration hazard

SARA 313 Components

Toluene (CAS No. 108-88-3); Methanol (CAS No. 67-56-1)

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

Toluene (CAS No. 108-88-3), RQ = 1000 pounds

California Proposition 65

WARNING: This product can expose you to chemicals including benzene, ethylbenzene, and cumene, which are none to the State of California to cause cancer, and toluene, methanol, benzene, and n-hexane, which are known to the State of California to cause birth defects and other reproductive harm. For more information go to www.P65Warnings.ca.gov.

This product contains the following Right to Know components:**Component**

Toluene (CAS No. 108-88-3)

Acetone (CAS No. 67-64-1)

Methanol (CAS No. 67-56-1)

Butanone (CAS No. 78-93-3)

Heptane (CAS No. 142-82-5)

Cyclohexane (CAS No. 110-82-7)

Benzene (CAS No. 71-43-2)

Ethyl benzene (CAS No. 100-41-4)

U.S. State Right to Know list

: Massachusetts, New Jersey, Pennsylvania

: Massachusetts, New Jersey, Pennsylvania

: Massachusetts, New Jersey, Pennsylvania

: Massachusetts, New Jersey, Pennsylvania

: Massachusetts, New Jersey, Pennsylvania

: Massachusetts, New Jersey, Pennsylvania

: Massachusetts, New Jersey, Pennsylvania

: Massachusetts, New Jersey, Pennsylvania

International Agency for Research on Cancer (IARC)

This product contains the following chemicals classified by IARC as carcinogenic:

Toluene

CAS No. 108-88-3

Group 3

Benzene

CAS No. 71-43-2

Group 1

Ethylbenzene

CAS No. 100-41-4

Group 2B

Chemical inventories

Components are listed or exempted from listing on the following chemical inventories:

| | |
|------------|---|
| AICS | Australian Inventory of Chemical Substances |
| DSL / NDSL | Domestic Substances List / Non-Domestic Substances List |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ENCS | Existing and New Chemical Substances |
| IECS | Inventory of Existing Chemical Substances Produced or Imported in China |
| KECI | Korea Existing Chemicals Inventory |
| NZIoC | New Zealand Inventory of Chemicals |
| PICCS | Philippine Inventory of Chemicals and Chemical Substances |
| TCSI | Taiwan Chemical Substance Inventory |
| TSCA | Toxic Substances Control Act |

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

SECTION 16. Other information

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. REXCO MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether this product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate this product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

Abbreviations and acronyms

| | |
|-------------------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| Acute Tox. 3 | Acute toxicity - Category 3 |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| AGS | Committee on Hazardous Substances |
| Aquatic Acute 1 | Acute aquatic toxicity - Category 1 |
| Aquatic Chronic 1 | Chronic aquatic toxicity - Category 1 |
| Asp. Tox. 1 | Aspiration hazard - Category 1 |
| Carc. 1B | Carcinogenicity - Category 1B |
| CAS | Chemical Abstract Service |
| DFG | German Research Foundation |
| DOT | U.S. Department of Transportation |
| EmS | Emergency Response Procedures for Ships Carrying Dangerous Goods |
| Eye Irrit. 2 | Serious eye damage/irritation - Category 2 |
| Flam. Liq. 2 | Flammable liquids - Category 2 |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| JSOH | Japanese Society for Oral Health |
| LC50 | Lethal concentration, 50 percent |
| LD50 | Lethal dose, 50 percent |
| LTCL | Long term exposure limit |
| Muta. 1B | Germ cell mutagenicity - Category 1B |
| NIOSH | National Institute for Occupational Safety and Health |
| NOEC | No Observed Effect Concentration |
| NOELR | No Observable Effect Loading Rate |
| OSHA | U.S. Occupational Safety and Health Administration |
| OSHA HCS | U.S. Occupational Safety and Health Administration Hazard Communication Standard |
| PBT | Persistent, Bioaccumulative and Toxic |
| Repr. 2 | Reproductive toxicity - Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation - Category 2 |
| STEL | Short term exposure limit |
| STOT RE 2 | Specific target organ toxicity (repeated exposure) - Category 2 |

| | |
|-----------|---|
| STOT SE 1 | Specific target organ toxicity (single exposure) - Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) - Category 3 |
| vPvB | very Persistent and very Bioaccumulative |