



Safety Data Sheet

SYNMAXX® Oil System Cleaner

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Trade Name: SYNMAXX® Oil System Cleaner
Revision Date: 4/1/25
Created Date: 3/31/25

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

None known.

1.3 Details of the supplier of the safety data sheet

Shrieve Chemical Products
1442 Lake Front Cir Ste 500
The Woodlands, TX 77380-3634 US
phone: (800) 367-4226 Customer Service
e-mail: cust-serv@shrieve.com
website: www.shrieve.com

1.4 Emergency telephone number

CHEMTREC: (800) 424-9300 (USA)
+1-703-741-5970 (International)
Poison Control: (800) 222-1222 (USA)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200).
Skin Irritation, Category 2
Eye Irritation, Category 2A

2.2 Label elements



Signal Word Warning

Hazard Statements

H315-Causes skin irritation.
H319-Causes serious eye irritation.

Precautionary Statements

Prevention

P264-Wash skin thoroughly after handling.
P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352-IF ON SKIN: wash with plenty of water.
P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313-IF SKIN irritation occurs: Get medical attention.
P337+P313-IF eye irritation persists: Get medical attention.



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P362-Take off contaminated clothing and wash before reuse.

2.3 Other hazards

None known.

2.4 Unknown Acute Toxicity (US)

None known.

SECTION 3: Composition / information on ingredient(s)

Chemical Name	CAS Number	EC #	Concentration % by Weight
Ethylene glycol monobutyl ether	111-76-2	203-905-0	7-13

Additional Information

Ingredients and composition are withheld as trade secret in accordance with 29CFR1910.1200(i).

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

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

After inhalation

If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

After skin contact

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

After eye contact

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

After ingestion

Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do not induce vomiting without medical advice. 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.

Self-protection of the first aider

None known.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

None known.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Water spray. Dry chemical. Foam.

Unsuitable extinguishing media

High volume water jet.

5.2 Special hazards arising from the substance or mixture

Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products: Carbon oxides.

5.3 Advice for firefighters

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For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers. 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.

6.2 Environmental precautions

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

None known.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not spray on a naked flame or any incandescent material. Keep away from open flames, hot surfaces and sources of ignition. Avoid formation of aerosol. Do not breathe vapours/dust. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

7.2 Conditions for safe storage, including any incompatibilities

No smoking. Keep in a well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

7.3 Incompatibilities/Specific end uses(s)

Incompatibilities	None known.
Specific end use(s)	None known.

Additional Information

For personal protection see section 8.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ethylene glycol monobutyl ether (111-76-2)

OSHA	Final PEL-TWA	240 mg/m3	LOLI
OSHA	Final PEL-TWA	50 ppm	LOLI
OSHA	Vacated-PEL-TWA	120 mg/m3	LOLI
OSHA	Vacated-PEL-TWA	25 ppm	LOLI
ACGIH	TLV-TWA	20 ppm	LOLI
ACGIH	TLV-BEI	200 mg/g	LOLI; creatinine urine end of shift
NIOSH	PG-TWA	5 ppm	LOLI
NIOSH	IDLH	700 ppm	LOLI
NIOSH	PG-TWA	24 mg/m3	LOLI
CALIFORNIA OEL	PEL	97 mg/m3	LOLI
CALIFORNIA OEL	PEL	20 ppm	LOLI
OEL	GCC-OEL-TWA	121 mg/m3	LOLI
OEL	GCC-OEL-TWA	25 ppm	LOLI



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OEL	SCOEL-O-STEL	246 mg/m ³	LOLI
OEL	SCOEL-O-STEL	50 ppm	LOLI
OEL	SCOEL-O-TWA	98 mg/m ³	LOLI
OEL	SCOEL-O-TWA	20 ppm	LOLI

8.2 Engineering Controls/Exposure Controls

Engineering controls None known.
Environmental exposure controls None known.

8.3 Protective Measures

Eye/face protection Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.

Hand protection The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Other Skin protection Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Other protection None known.

Respiratory protection General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

General hygiene consideration When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Thermal hazards None known.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value
Appearance	Clear and bright.
Density	7.0 - 7.2 lbs/gallon.
Flash Point	> 200°C / 392°F.
Specific Gravity	0.84 -0.85 g/ml @ 20°C
State of Matter	Liquid.
Viscosity	17-20 cSt @ 40°C.

9.2 Other information

None known.

SECTION 10: Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Could react with air to form peroxides.



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10.4 Conditions to avoid

Keep away from heat, flame, sparks and other ignition sources.

10.5 Incompatible materials

Acids. Aluminum. Bases. Oxidizing agents. Amines. Ammonia.

10.6 Hazardous decomposition products

Carbon oxides. Aldehydes. Ketones. Organic acids

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Source

Skin contact None known.

Eye contact None known.

Inhalation None known.

Ingestion None known.

Symptoms related to characteristics None known.

Acute effects None known.

Chronic effects None known.

Numerical measures of Toxicity

Ethylene glycol monobutyl ether (111-76-2)

LC50	RAT	INHALATION	4 h	486 ppm	LOLI; males, vapor	NLM_PUBMED
LD50	RABBIT	DERMAL		>2000 mg/kg	LOLI	OECD_SIDS
LD50	RAT	ORAL		470 mg/kg	LOLI	NLM_CIP

Skin corrosion/irritation None known.

Serious eye damage/eye irritation None known.

Respiratory sensitization None known.

Skin sensitization None known.

Carcinogenicity No components present at 0.1% or greater are classified as carcinogens by the NTP, IARC, or OSHA.

Germ cell mutagenicity None known.

Reproductive toxicity None known.

Specific target organ toxicity - single exposure None known.

Specific target organ toxicity - repeated exposure None known.

Aspiration hazard None known.

SECTION 12: Ecological information

12.1 Toxicity

12.1 Numerical measures of Toxicity None known.



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Ethylene glycol monobutyl ether (111-76-2)

EC50	Acute Tox-Aquatic Invertebrate	>1000 mg/L	48 h	Daphnia Magna (Water Flea)	LOLI	EPA
LC50	Acute Tox. - Freshwater Fish	2950 mg/L	96 h	Lepomis Macrochirus	LOLI	IUCLID
NOEC	Chron Tox-Aquatic Invertebrate	100 mg/L	21 d	Daphnia Magna (Water Flea)	LOLI	ECHA_API

12.2 Persistence and degradability

None known.

12.3 Bioaccumulative potential

None known.

12.4 Mobility in soil

None known.

12.5 Results of PBT and vPvB assessment

None known.

12.6 Other adverse effects

None known.

12.7 Additional Information

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Handling for disposal

Dispose of in accordance with all applicable local, state and federal regulations.

Methods of disposal

None known.

Contaminated packaging

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport Information

D.O.T./ADR/RID - Ground transportation

14.1 UN number

14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA

14.3 Transport hazard class(es)

None known.

14.4 Packing group

None known.

Air transport (ICAO/IATA)

14.1 UN number

14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA

14.3 Transport hazard class(es)

None known.

14.4 Packing group

None known.

Sea transport (IMDG)

14.1 UN number



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Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

None known.

None known.

14.5 Environmental hazards

Marine Pollutant: No

None known.

14.6. Special precautions for user

None known.

14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

None known.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

Ethylene glycol monobutyl ether (111-76-2)

Present including mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol, except Ethylene glycol monobutyl ether [EGBE]. See 40CFR 63.62 and 40CFR 63.63.

U.S. - CAA (Clean Air Act) - HON Rule - SOCM Chemicals

Ethylene glycol monobutyl ether (111-76-2)

Group I.

U.S. - CAA (Clean Air Act) - HON Rule - Organic HAPs

Ethylene glycol monobutyl ether (111-76-2)

Present.

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Ethylene glycol monobutyl ether (111-76-2)

1 % de minimis concentration

U.S. - TSCA (Toxic Substances Control Act) - Section 8(d) - 716.120(a) - Health and Safety Reporting - List of Substances

Ethylene glycol monobutyl ether (111-76-2)

04/13/1989 06/30/1998.

U.S. - CAA (Clean Air Act) - Volatile Organic Compounds (VOCs) in SOCM

Ethylene glycol monobutyl ether (111-76-2)

Present.

U.S. - Massachusetts - RTK (Right To Know) List

Ethylene glycol monobutyl ether (111-76-2)

Present.

U.S. - New Jersey - RTK (Right To Know) - Hazardous Substance List

Ethylene glycol monobutyl ether (111-76-2)

0275.

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

Ethylene glycol monobutyl ether (111-76-2)

Present.



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Country or region	Inventory List	Listed or Exempt (yes/no)
Australia	Australia - Inventory of Industrial Chemicals (AIIC)	Yes
Canada	Canada - Domestic Substance List (Canada DSL)	Yes
China	China - Inventory of Existing Chemical Substances (IECSC)	Yes
European Union	European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
South Korea	Korea - Existing Chemicals Inventory (KECI/KECL) - Annex 1	Yes
New Zealand	New Zealand - Inventory of Chemicals (NZIoC)	Yes
Philippines	Philippines - Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Russia	Russia - National Inventory of Chemical Substances (DRAFT)	Yes
Taiwan	Taiwan - Taiwan Chemical Substance Inventory (TCSI)	Yes
United States of America	United States - Toxic Substance Control Act (TSCA)	Yes
Vietnam	Vietnam - National Chemicals Inventory (NCI) (DRAFT)	Yes

15.2 Chemical Safety Assessment

None known.

SECTION 16: Other Information

Specific Hazard N/A.

HMIS Ratings

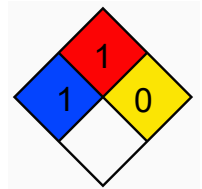
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

1 - Slightly hazardous.

1 - Above 200°F.

0 - Stable, even under fire conditions and will not react with water, etc.

NFPA



Revision Date: 4/1/25

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