Water Tight Technologies, LLC
2500 Dewitt Street
Elkhart, IN 46517

SECTION 1 - IDENTIFICATION

Trade Name: Low VOC Membrane Cleaner
Product Item #: LMC1 (1 gallon pail) and LMC1/4 (1 quart can)
Relevant Uses: Cleaner for roofing membrane
Details of Supplier of SDS:

Water Tight Technologies, LLC
2500 Dewitt Street, Elkhart, IN 85547
888-649-1020

Emergency Telephone Number: CHEMTREC – US: 800-424-9300; International: 703-527-3887

SECTION 2 – HAZARDS IDENTIFICATION

Classification of substance/mixture:

Flammable liquids – Category 2
Acute Toxicity: Inhalation, Category 4
Skin Corrosion/irritation, Category 2
Eye irritation, Category 2A
Specific target organ toxicity – single exposure, Category 3
Respiratory system, Central Nervous System
Aspiration hazard, Category 1

NFPA Rating (0=Least Severe and 4= Most Severe): Health = 2; Fire = 3; Reactivity = 0

GHS Label Elements:

Hazard Pictograms -


GHS02


GHS08


GHS07

Signal Work – DANGER

Hazard Statements:
Highly flammable liquid and vapor.
Harmful if inhaled.
Causes skin & eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

Precautionary Statements:
Keep away from heat/sparks/open flames/hot surfaces. No Smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment. Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fumes/gas/mist/vapors/spray.
Wash skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
If medical advice is needed, have product container or label at hand.
Keep out of the reach of children.
Read label before use.
Wear protective gloves/clothing as well as eye/face protection.

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IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN/HAIR: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and continue rinsing.

Store in a well ventilated place. Keep container tightly closed. Store locked up.

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

SECTION 3 – COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

Chemical characterization: Mixtures
Description: Mixture of the substances listed below plus non-hazardous additions.

Dangerous components:

CAS#	Name/Description	% of Mixture
64742-47-8	Petroleum distillates, hydrotreared light	32%
67-64-1	Acetone	68%

Contains C-9 – C15 Cycloalkanes (60 – 100%)
Contains C-9 – C15 Alkanes (15 – 40%)

SECTION 4 – FIRST-AID MEASURES

General Information: Symptoms of poisoning may occur after several hours; therefore medical observation for at least 48 hours after the accident.

After Inhalation: Overexposure, remove to fresh air and seed medical attention.
Supply fresh air. If required, provide artificial respiration. If breathing is difficult, give oxygen. Consult physician in case of complaints.
After Skin Contact: Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Call a physician.
After Eye Contact: Rinse opened eye for at least 15 minutes under running water. Then consult a doctor.
After Swallowing: Seek medical treatment immediately. Wash out mouth with water and remove dentures, if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 the vomit does not enter the lungs. Never give anything my 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 collar, tie, belt or waistband.
Most important symptoms and effects, both acute and delayed:
Eye Contact: causes serious eye injury.
Inhalation: harmful if inhaled. Can cause central nervous system depression. May cause drowsiness and dizziness. Skin Contact: Causes skin irritation.
Ingestion: Can cause central nervous system depression. May be fatal if swallowed and enters airways. Irritating to mouth, throat and stomach.
Over-exposure adverse signs and symptoms:
Eye contact: symptoms may include pain/irritation, watering and redness.
Inhalation: symptoms may include nausea/vomiting, headache, drowsiness/fatigue, dizziness/vertigo or unconsciousness.
Skin contact: symptoms may include irritation and redness.
Ingestion: symptoms may include nausea or vomiting.

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SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media:
Suitable extinguishing agents: Dry chemical, CO2, water spray (fog) or foam.
For safety reasons unsuitable extinguishing agents: Water with full jet.

Advice for Firefighters:
Specific hazards during firefighting: Extremely flammable. Forms or accumulates static electricity, may cause fire or explosion. Vapors may form explosive mixtures with air. Vapors are heavier than air and may spread along floors. Vapors may travel to areas away from worksite before igniting/flashing back to vapor source.
In case of fire hazardous decomposition products may be produced such as carbon monoxide and carbon dioxide.
Protective equipment: Wear self-contained breathing apparatus and protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective equipment during emergency procedures. Keep unprotected persons away. Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak Ensure adequate ventilation. Remove all sources of ignition. Do not swallow or breath vapors or spray mist. Avoid contact with skink eyes and clothing.

Environmental Precautions:
Discharge into the environment must be avoided.
Inform respective authorities in case of seepage into water course or sewage system.
Prevent seepage into sewage system, workpits and cellars.
Do not allow product to reach sewage system or any water course.
Do not allow run-off from fire fighting to enter drains or water courses.
Do not allow to enter sewers/surface or ground water.

Methods and Materials for containment and cleaning up:
Ensure adequate ventilation.
No sparking tools should be used.
Contain spillage and the absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste in accordance with federal, state and local regulations.
Do not flush with water or aqueous cleansing agents.

Refer to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection.
See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

Handling:
Ensure good ventilation/exhaustion at the workplace. Wear personal protective equipment.
Do not use air pressure to unload containers.
Keep container tightly closed.
Do not smoke, swallow or breath vapors or spray mist.
Avoid contact with skin, eyes and clothing.

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Information about protection against explosion and fires:
Keep ignition sources away. No not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.
This liquid may form an ignitable vapor-air mixture in closed containers.
This liquid may accumulate static electricity even when transferred into properly grounded containers. Bonding and grounding may be insufficient to remove static electricity and may be inadequate to eliminate fire and explosion hazards associated with electrostatic charges.
Static electricity accumulation may be significantly increased by the presence of small quantities of water.
In addition to bonding and grounding, efforts to mitigate the hazards of an electrostatic discharge may include, but are not limited to ventilation, inerting, and/or reducing of transfer velocities. Always keep the nozzle in contact with the container throughout the loading process.
Use explosion proof equipment and only non-sparking tools.
Keep product and empty container away from heat and sources of ignition.
NO SMOKING.

Storage:
Store in a cool location away from direct heat, per local regulations.
Store as flammable liquid in a segregated approved area.
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area away from incompatible materials, food and drink.
Store locked-up in an area separate from oxidizing materials.
Keep container tightly closed and sealed until ready for use.
Do not store in unlabeled containers.
Use appropriate containment to avoid environmental contamination.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:

67-64-1 ; Acetone	
ACGIH	550 ppm TWA 750 ppm TWA STEL
NIOSH	250 ppm PEL
OSHA	750 ppm TWA 1000 ppm TWA STEL
C9- C15 ; Cycloalkanes – mixture (from methylcyclohexane)	
ACGIH	400 ppm TWA 8 hours
66/3; Mineral Spirits - mixture	
ACGIH	212 ppm TWA 8 hours

General engineering controls:
Use only with adequate ventilation in an area equipped with explosion-proof exhaust ventilation.
Use engineering controls/ventilation to keep airborne contaminates below recommended statutory limits and keep gas, vapor or dust concentrations below any lower explosive limits.

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General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Store protective clothing separately.

Breathing equipment:

Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

Protection of hands:
The glove material has to be impermeable to the product/the substance/the preparation.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is preparation of several substances, the resistance of the glove material; cannot be calculated in advance and therefore has to be check prior to the application.

Eye protection:
Safety glasses with side shields or tightly sealed goggles.

Body protection:
Protective work clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	
Form:	Liquid
Color:	Colorless
Odor:	Sweet pungent to hydrocarbon solvent
Change in condition:	
Melting Point/Range:	-94 to -58°C (-137 to -72°F)
Boiling Point/Range:	56 to 194°C (133 to 381° F)
Flash Point/Range:	-17 to -42°C (1 to -108°F)
Ignition Temperature:	239°C (457° F)
Auto igniting:	Not determined
Danger of explosion:	Formation of explosive air/vapor mixture are possible.
Flammable Limits:	
Lower:	0.6 Vol. %
Upper:	12.8 Vol. %
Vapor Pressure at 20°V (68°F):	241 hPa (175 mm Hg)
Specific Gravity:	0.79 g/cm^3
Solubility in/Miscibility with Water:	Not miscible or difficult to mix.
Other information:	This product does not comply with the requirements of Rule 1168 of California's South Coast Air quality Management District.
VOC:	250 g/L
Weight per gallon:	7.6 lbs.

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SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Not expected to be explosive, self-reacting or self-heating under normal conditions.
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications and stored according to recommendations.
Possibility of hazardous reactions/incompatible materials: Under normal conditions of storage & use, hazardous reactions will not occur. However avoid storing near or coming into contact with acids, aldehydes, alkalis, amines, ammonia, oxidizing agents, reducing agents or chlorine compounds.
Hazardous decomposition products: No dangerous decomposition product known under normal conditions of storage and use.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity:
LD/LC50 values that are relevant for classification:

67-64-1 acetone:

Oral LD50 – 5000 mg/kg (rat)
Dermal LD50 – 7426 mg/kg (guinea pig)
Inhalation - LC50/4 h- 32000 ppm (rat)
Eye irritation – Irritating - Draize Test (rabbit)

C9-15 alkanes:

In animal studies utilizing mineral spirits containing up to 22% aromatics indicated that the acute central nervous system effects are reversible. Based on existing animal studies, the potential for persistent effects is not clear.

Primary irritant effect:

On skin:	Irritant to skin.
On the eye:	Irritating effects.
Inhalation:	Irritation is possible with prolonged and or elevated exposure.

Additional toxicological information:
This product shows the following dangers according to internally approved calculation methods for preparations: Harmful Irritant
Carcinogenic

Carcinogenic categories:

IARC (International Agency for Research on Cancer) – 108-88-3 toluene ; 3 NTP
(National Toxicology Program) – none of the ingredients are listed.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxical effects:
Toxic for fish.

General Notes:
Do not allow product to reach ground water; water course or sewage system.
Danger to drinking water if even small quantities lead into the ground. Toxic for aquatic organisms
Water hazard class 3 (self-assessed) : extremely hazardous for water.

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Other adverse effects:
No further relevant information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods:
Recommendation – Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:
Recommendation: disposal must be made according to official regulations.

SECTION 14 – TRANSPORTATION INFORMATION

UN-Number – DOT: UN1133

UN proper shipping name – DOT: Adhesives, containing a flammable liquid

Transport hazard class(es) – DOT: 3 Flammable liquids

Packing group – DOT: II
Environmental hazards – Special marking (ADR) – Symbol (fish and tree)
Special Precautions for user: Not applicable
UN "Model Regulation": UN1133, Adhesives, ENVIRONMENTALLY HAZARDOUS, 3, II

SECTION 15 – REGULATORY INFORMATION

SARA Title III:
Section 355(extremely hazardous substances): No ingredients listed
Section 313(specific toxic chemical listing): 64741-84-0 Naphtha (petroleum), solvent-refined light (textile spirits)
108-88-3 toluene

TSCA (Toxic Substances Control Act):
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Prop 65:
Chemicals known to cause cancer: 64741-84-0 Naphtha (petroleum), solvent-refined light (textile spirits)
Chemicals known to cause reproductive toxicity: 108-88-3 toluene
Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

Cancerogenity categories:
EPA: 108-88-3 toluene - D
67-64-1 acetone -D
TLV 108-88-3 toluene – A4
67-64-1 acetone - A4
NIOSH-Ca: None of the ingredients are listed.
OSHA-Ca: None of the ingredients are listed.

National regulations:
Water hazard class: Water hazard class 3 (Self-assessment): extremely hazardous for water.

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Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 – OTHER INFORMATION

The information herein is presented in good faith and believed to be correct as of the date hereof. Information is based upon supplier-issued safety data sheets and may be subject to error. If apprised of changes, updated SDS will be promptly issued. Users must make their determination regarding the suitability of the product for their own purposes prior to use. In no event will Water Tight Technologies, LLC be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

Approval Date:	7/15/2026
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