



Weathered Membrane Cleaner

Safety Data Sheet

Date: June 2026

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product:

Product Name: Weathered Membrane Cleaner (Low VOC)
Other Names: N/A
Product Code: WMC, WMC19
HSNO Approval: HSR002528
Approval Description: Cleaning Products (Flammable) Group Standard 2020
UN Number: UN1263
Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S., (Contains: Acetone)
DG Class: 3
Packing Group: II
Hazchem Code: 3YE
Uses: Cleaner

Company Details:

Company: Sealco Limited
Address: Unit 5, 18 Taurus Place, Bromley, Christchurch
PO Box 35-190, Shirley, Christchurch
Telephone: 03 366 9495, 0508 292 837
Website: www.sealco.co.nz

Emergency Number: **National Poisons Centre**
0800 764 766

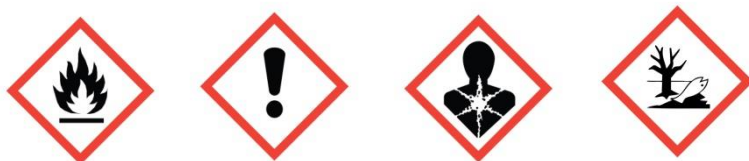
SECTION 2 – HAZARDS IDENTIFICATION

Approval:

This product has been approved under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR002528, Cleaning Products (Flammable) Group Standard 2020). The substance has been classified as hazardous according to the criteria in the Hazardous substances (Hazard Classification) Notice 2020.

GHS7 Classes	Hazard Statements:
Flammable Liquids - Category 2	H225 - Highly flammable liquid & vapour
Skin Corrosion/Irritation - Category 2	H315 - Causes skin irritation
Serious Eye Damage/Eye Irritation - Category 2A	H319 - Causes serious eye irritation
Specific Target Organ Toxicity -Single Exposure - Category 2 (respiratory system, nervous system, kidney, blood, liver)	H371 – May cause damage to organs
Specific Target Organ Toxicity -Single Exposure - Category 3	H336 – May cause drowsiness or dizziness

DANGER Symbols



Other Classifications:

There are no other classifications that are known to apply

Precautionary Statements:

P102 - Keep out of reach of children

P103 - Read label before use

P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P264 - Wash hands 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 protective gloves / eye protection / face protection

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse SKIN with water [or shower].

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P370+P378 - In case of fire: Use carbon dioxide, regular dry chemical, regular foam to extinguish.

P302+P352 – If ON SKIN – Wash with plenty of water

P332+P313 - If skin irritation occurs, Get medical advice / attention

P309+P311 - IF exposed or if you feel unwell: call a POISON CENTER or doctor/physician.

P331 - Do NOT induce vomiting

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313+P337 - If eye irritation persists seek medical advice / attention

P304+P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing

P391 - Collect spillage

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up

P501 - Dispose of contents/container in accordance with local regulations

SECTION 3 – INFORMATION ON INGREDIENTS

CAS / Identification	Component	Conc (%)
67-64-1	Acetone	68.5-71.5
98-56-6	PCBTF	29-31

SECTION 4 – FIRST AID MEASURES

Description of Necessary Measures:

If exposed or concerned: Call a POISON CENTER 0800 764 766 or doctor/physician. Have the product container or label at hand.

Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin

Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eyes

Rinse cautiously with water for 15 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

Aspiration hazard. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. If swallowed, get medical attention.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

Most Important Symptoms/Effects Acute

May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness.

Delayed

Lung damage, brain damage, kidney damage, nervous system damage

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:

Extinguishing Media Suitable Extinguishing Media

Use carbon dioxide, regular dry chemical, regular foam, or water.

Unsuitable Extinguishing Media

Do not use high-pressure water streams.

Special Hazards Arising from the Chemical

Highly flammable liquid and vapor. Vapours are heavier than air and may flashback.

Hazardous Combustion Products

Toxic gases: carbon monoxide, carbon dioxide.

Firefighting Measures

Move container from fire area if it can be done without risk. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Cool containers with water from unmanned hose holder or monitor nozzles until well after fire is out. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. ALWAYS stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn.

Special Protective Equipment and Precautions for Firefighters

Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Remove all sources of ignition. Avoid breathing vapours. Wear self-contained breathing apparatus and protective clothing. Use non-sparking tools and equipment. Flammable liquid: Fire or projection hazard. Vapor-suppressing foam may be used to control vapours. Eliminate all sources of ignition. All equipment used when handling the product must be grounded. Stop leak if possible, without personal risk. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements, or confined areas. Dike for later disposal. Use non-sparking tools. Large spills: Keep unnecessary people away, isolate hazard area and deny entry. Prevent entry into waterways, sewers, basements, or confined areas. Dike for later disposal. Use water spray jet to minimize or disperse vapours. Runoff may create fire or explosion hazard. Absorb with earth, sand or other non-combustible material and transfer to container. Dispose in accordance with all applicable federal, regional, and local laws and regulations.

Environmental Precautions

Avoid release to the environment. Collect spillage.

SECTION 7 – HANDLING & STORAGE

Precautions for Safe Handling

Highly flammable liquid and vapor. Keep container tightly closed. Keep away from heat/sparks/open flame/hot surfaces - No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Wear protective gloves/protective clothing/eye protection/face protection. Keep away from incompatible materials. Do not breathe vapor. Use only with adequate ventilation. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product. Do not ingest. KEEP OUT OF REACH OF CHILDREN.

Conditions for Safe Storage, Including any Incompatibilities Store in a well-ventilated place. Keep container tightly closed Keep cool

Store locked up

Store in accordance with all current regulations and standards. Store in a cool dry place. Keep away from sources of ignition. Ground/Bond container and receiving equipment. Keep away from incompatible materials.

Incompatible Materials

Strong acids, alkalis, oxidizing agents, chlorine, oxygen

SECTION 8 – EXPOSURE CONTROL & PERSONAL PROTECTION

Workplace Exposure Standards:

A workplace exposure standard has not been established by Worksafe NZ for this product. There is a general limit of 3mg/m³ for respirable particulates and 10mg/m³ for inhalable particulates when limits have not otherwise been established.

NZ Workplace Exposure Standards

Ingredient	CAS	WES-TWA	WES-STEL
Acetone	67-64-1	500ppm, 1185mg/m ³	1000ppm, 2375 mg/m ³
PCBTF	98-56-6	Not available	Not available

*These workplace exposure standards are also Prescribed Exposure Standards (PES) under the Health & Safety at Work (General Risk and Workplace Management) Regulations 2016.

Engineering Controls:

In industrial situations, it is expected that employee exposure to hazardous substances will be controlled to a level as far as below the WES as practicable. Exposure can be reduced by process modification, use of local exhaust ventilation, capturing substances at their source, or other methods. If you believe air borne concentrations of mist, dust or vapours are high, you are advised to modify processes or increase ventilation.

Personal Protective Equipment:



Eyes: Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection: Wear appropriate chemical resistant clothing and chemical resistant gloves.

Respiratory Protection: An approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear liquid	Physical State	Liquid
Odour	Not available	Colour	Colorless
Odour Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	56.1 - 139.3 °C
Freezing Point	Not available	Evaporation Rate (butyl acetate=1)	4.68
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Auto-ignition	465 °C	Flash Point	-17.8 °C (0°F)
Lower Explosive Limit	0.9	Decomposition temperature	Not available
Upper Explosive Limit	12.8	Vapor Pressure	131.09 mmHg
Vapor Density (air=1)	3.26	Specific Gravity (water=1)	Not available
Water Solubility	Soluble	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	0.955	Molecular Weight	Not available

SECTION 10 – STABILITY & REACTIVITY

Reactivity	No reactivity hazard is expected.
Chemical Stability	Stable under normal conditions of use.
Possibility of Hazardous Reactions	Will not occur.
Conditions to Avoid	Avoid heat, flames, sparks, and other sources of ignition. No smoking. Avoid contact with incompatible materials.
Incompatible Materials	Strong acids, alkalis, oxidizing agents, liquid chlorine, oxygen
Hazardous decomposition products	Releases toxic gases: carbon monoxide, carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation - May cause drowsiness or dizziness.

Skin Contact - Causes skin irritation.

Eye Contact - Causes serious eye irritation.

Ingestion - No information on significant adverse effects.

Acute and Chronic Toxicity Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources, and the following selected endpoints are published:

Acetone (67-64-1)

Oral Rat 5800 mg/kg LD50

Dermal Guinea pig >7426 mg/kg LD50

Inhalation LC50 Rat 50100 mg/m³ 8 h

PCBTF (98-56-6)

Oral Rat 13000 mg/kg LD50

Dermal LD50 Rabbit >2 mL/kg (death occurred (1 female rabbit)

Inhalation LC50 Rat 33 mg/l LC50

Immediate Effects

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to respiratory system, nervous system, kidney, blood, liver. May cause irritation and damage.

Delayed Effects: No information on significant adverse effects.

Irritation/Corrosivity Data:

Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

Respiratory Sensitization: No information available for the product.

Dermal Sensitization: No information available for the product.

Component Carcinogenicity

Acetone	67-64-1
ACGIH	A4 - Not Classifiable as a Human Carcinogen

Germ Cell Mutagenicity: No information available for the product.

Tumorigenic Data: No information available for the product.

Reproductive Toxicity: No information available for the product.

Specific Target Organ Toxicity - Single Exposure: Respiratory system, nervous system, kidney, blood, liver

Specific Target Organ Toxicity - Repeated Exposure: No target organs identified.

Aspiration hazard: No information available for the product.

Medical Conditions Aggravated by Exposure: No data available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Avoid release to the environment.

Acetone	67-64-1
Algae	EC50 336 hr. Chlorella pyrenoidosa 3020 mg/l
Fish	Fish LC50 96 hr. LC50 Oncorhynchus mykiss 5540 mg/l (static); Fish LC50 96 hr. LC50 Lepomis macrochirus 8300 mg/l (static)
Invertebrate	LC50 48 hr. Daphnia magna 12600 - 12700 mg/l
PCBTF	98-56-6
Fish	Fish LC50 96 hr. LC50 5.6 mg/l
Invertebrate	EC50 48 h Daphnia magna 3.68 mg/L IUCLID

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

Land Transport Rule: Hazardous Goods 2005 – NZS 5433:2007

Transport according to NZS 5433 (Transport of Hazardous Substances on Land). Considered a dangerous good for transport.

Shipping Name:	FLAMMABLE LIQUIDS, N.O.S., (Contains: Acetone)
UN #	UN1993
Hazard Class:	3
Packing Group:	II
HAZCHEM Code	3YE

SECTION 15 – REGULATORY INFORMATION

This product is an approved substance under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR002528, Cleaning Products (Flammable) Group Standard 2020

Key Workplace requirement are:

SDS	To be available in 10 minutes any workplace storing any quantity
Inventory	An inventory of all hazardous substances must be prepared and maintained
Packaging	All hazardous substances should be appropriately packaged, including substances that have been decanted, transferred or manufactured for own use or have been supplied
Labelling	Must comply with the Hazardous Substances (Labelling) Notice 2017
Emergency Plan	Required if > 1000L is stored
Certified Handler	Required if > not required is handled or stored
Tracking	Required to be tracked if > not required is present
Bunding & Secondary Containment	Required if > 1000L is stored
Signage	Required if > 250 L is stored in one location
Location Compliance Certificate	Required if > 100L (containers > 5L), 250 L (≤5L containers) 50L (in use) is stored in any one location
Flammable Zone	Must be established if > 100L (closed containers), 25L (decanting), 5L (open occasionally), 1L (in use) is stored in any one location
Fire Extinguisher	If > 250L is present

Section 16 – OTHER INFORMATION**Abbreviations:**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS Number	Unique Chemical Abstracts Service Registry Number
Controls Matrix	List of default controls linking regulation numbers to Matrix code
EC50	Ecotoxic Concentration 50% - concentration in water which is fatal to 50% of a test population (eg. Daphnia, fish species)
EPA	Environmental Protection Authority
HAZCHEM Code	Emergency action code of numbers and letters that provide information to emergency services, especially firefighters
HSNO	Hazardous Substances and New Organisms (Act & Regulations)
LEL	Lower Explosive Limit
LD50	Lethal Dose 50% - dose which is fatal to 50% of a test population (usually rats)
LC50	Lethal Concentration 50% - concentration in air which is fatal to 50% of a test population (usually rats)
MSDS (SDS)	Material Safety Data Sheet (Safety Data Sheet)
NZIoC	New Zealand Inventory of Chemicals
PES	Prescribes Exposure Standard means a WES or a biological exposure standard that is prescribed in a regulation, a safe work instrument or an approval under HSNO
STEL	Short Term Exposure Limit – The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15-minute period, provided the TWA is not exceeded.
TWA	Time Weighted Average – generally referred to WES averaged over typical workday (usually 8 hours)

UEL
WES

Upper Explosive Limit
Workplace Exposure Standard – The airborne concentration of a biological or chemical agent to which a worker may be exposed during work hours (usually 8 hours per day, 5 days per week) The WES relates to exposure that has been measured by personal monitoring using procedures that gather air samples in the workers breathing zone.

Review

Date	Reason for Review
June 2026	Not applicable – New SDS

Disclaimer:

This SDS was prepared by Sealco Ltd and is based on our current knowledge, including information obtained by suppliers. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties and how the substance is used. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.