



LEXCAN SAFETY DATA SHEET

DATE PREPARED: 05/06/15

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME

WEATHERED MEMBRANE CLEANER

SUPPLIER NAME AND ADDRESS

*Lexsuco 2010 Corporation
3275 Orlando Dr.
Mississauga, ON L4V 1C5
Tel: 905.792.8300 Fax: 905.792.8305*

EMERGENCY TELEPHONE NUMBER:

CANUTEC 613-996-6666 (24 hours every day)

Regulatory Information Number:

Tel: 1-877-792-8308

Chemical Family: Cleaner
Product Use: Cleaner for Lexcan Membranes
Restrictions on Use: For industrial use only

SECTION 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Flammable Liquids - Category 2
Aspiration Hazard - Category 1
Skin Corrosion/Irritation - Category 2
Specific Target Organ Toxicity - Single Exposure - Category 3
Specific Target Organ Toxicity - Repeated Exposure - Category 1 (lungs, brain, kidneys, nervous system)

GHS Label Elements



Signal Word

Danger

Hazard Statement(s)

Highly flammable liquid and vapor
May be fatal if swallowed and enters airways
Causes skin irritation
May cause drowsiness or dizziness
Causes damage to organs through prolonged or repeated exposure

Precautionary Statement(s)

Prevention

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
Use only outdoors or in a well-ventilated area
Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapours/spray
Wash thoroughly after handling
Contaminated work clothing must not be allowed out of the workplace
Do not eat, drink or smoke when using this product

Response

In case of fire: Use appropriate media to extinguish

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor if you feel unwell

IF SWALLOWED: Immediately call a POISON CENTER Do NOT induce vomiting

IF ON SKIN (or hair): 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 Specific treatment (see label)

Storage

Store in a well-ventilated place. Keep container tightly closed

Store locked up

Keep cool

Disposal

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

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
64742-89-8	Solvent naphtha, petroleum, light aliphatic	60-100

SECTION 4 - FIRST AID MEASURES**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 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. Vapors 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 vapors. 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 vapors. 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 vapors. 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, state/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

Component Exposure Limits

ACGIH, NIOSH, EU, OSHA (US) and Mexico have not developed exposure limits for any of this product's components

Biological limit value

There are no biological limit values for any of this product's components.

Engineering Controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

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.

Respiratory Protection

A NIOSH 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.

Glove Recommendations

Wear appropriate chemical resistant gloves.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance	clear liquid	Physical State	liquid
Odor	hydrocarbon odor	Color	clear
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	118 - 150 °C
Freezing point	Not available	Evaporation Rate	1
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	320 °C(608°F)	Flash Point	18 °C(64.4°F)
Lower Explosive Limit	0.9	Decomposition	Not available
Upper Explosive Limit	7	Vapor Pressure	11.5 mmHg
Vapor Density (air=1)	4	Specific Gravity (water=1)	Not available
Water Solubility	negligible	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	0.74 - 0.76	VOC	100 %

SECTION 10 - STABILITY & REACTIVITY

Reactivity

No hazard expected.

Chemical Stability

Stable under normal conditions of use.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Keep away from heat/sparks/open flame/hot surfaces - No smoking. Avoid contact with incompatible materials.

Incompatible Materials

Strong acids, alkalis, oxidizing agents, 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

May cause eye irritation.

Ingestion

May cause irritation of the mouth and throat. May cause central nervous system depression. Aspiration Hazard. May be fatal if swallowed and enters airways.

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:

Solvent naphtha, petroleum, light aliphatic (64742-89-8) Oral LD50 Mouse 5000 mg/kg

Dermal LD50 Rabbit 3000 mg/kg

Product Toxicity Data

Product Analysis LD/LC 50 Toxicity Values

Oral LD50:	Rat >2000 mg/kg LD50
Dermal LD50:	Rat 2000 mg/kg
Inhalation LC50:	Rat >5000 ppm 1 hour LD50

Immediate Effects

Causes skin irritation. May cause drowsiness or dizziness.

Delayed Effects

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

Irritation/Corrosivity Data

Causes skin irritation.

Respiratory Sensitization

No information available for the product.

Dermal Sensitization

No information available for the product.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity

No information available for the product.

Tumorigenic Data

No data available

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

Central nervous system

Specific Target Organ Toxicity - Repeated Exposure

Lungs, brain, kidneys, liver, nervous system

Aspiration hazard

Aspiration Hazard. May be fatal if swallowed and enters airways.

Medical Conditions Aggravated by Exposure

Skin disorders, respiratory disorders, liver disorders, kidney disorders, central nervous system disorders

SECTION 12 - ECOLOGICAL INFORMATION**Component Analysis - Aquatic Toxicity**

Solvent naphtha, petroleum, light aliphatic	64742-89-8
Algae:	EC50 72 h Pseudokirchneriella subcapitata 4700 mg/L IUCLID

SECTION 13 - DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of contents/container in accordance with local/regional/national/international regulations. Subject to disposal regulations. U.S. EPA 40 CFR 262. Hazardous Waste Number(s): D001.

Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components

SECTION 14 - TRANSPORT INFORMATION**US DOT Information:**

Shipping Name: Paint Related Material

Hazard Class: 3

UN/NA #: UN1263

Packing Group: II

Required Label(s): 3

Additional information: Special provisions 149, B52, IB2, T4, TP1, and TP8

IATA Information:**Shipping Name:** Paint Related Material**Hazard Class:** 3**UN#:** UN1263**Packing Group:** II**Required Label(s):** 3**TDG Information:****Shipping Name:** Paint Related Material**Hazard Class:** 3**UN#:** UN1263**Packing Group:** II**Required Label(s):** 3**SECTION 15 - REGULATORY INFORMATION****U.S. Federal Regulations**

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C)**Acute Health:** Yes **Chronic Health:** Yes **Fire:** Yes **Pressure:** No **Reactivity:** No**U.S. State Regulations**

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA

Not listed under California Proposition 65 Canadian WHMIS Ingredient Disclosure List (IDL)

The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

Component Analysis - Inventory

Solvent naphtha, petroleum, light aliphatic (64742-89-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes

SECTION 16 - OTHER INFORMATION**HMIS Rating**

Health: 2* Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

NFPA Ratings

Health: 2 Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health

Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Reference: *The information herein is presented in good faith and believed to be correct as of the date hereof. Information is based upon supplier issued material safety data sheets and may be subject to error. If apprised of changes, updated MSDS will be promptly issued. Users must make their own determination regarding the suitability of the product for their own purposes prior to use.*

Prepared By: Lexsuco 2010 Corporation