



LEXCOR SAFETY DATA SHEET

DATE PREPARED: 04/03/2016

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME

LEXPHALT LG

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

Prepared by: Lexsuco 2010 Corporation

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification for mixture:

Specific target organ toxicity - repeated exposure - Category 2
Specific target organ toxicity - single exposure - Category 3 (Respiratory)
Carcinogenicity - Category 2
Respiratory sensitization - Category 1
Skin sensitization - Category 1
Serious eye irritation - Category 2A
Skin irritation - Category 2
Acute Toxicity Inhalation - Category 4

Label elements

Pictograms:



Signal Words:

Danger

Hazard Statements:

Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful if inhaled.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause respiratory irritation.
Suspected of causing cancer. Route(s) of exposure:
May cause damage to organs through prolonged or repeated exposure. Route(s) of exposure: Inhalation.
Affected organ(s): Lungs.

Precautionary Statements:**General**

If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read label before use.

Prevention

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep container tightly closed.
 Do not breathe vapors.
 Avoid breathing vapors.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves, protective clothing, and eye protection.
 [In case of inadequate ventilation] wear respiratory protection.

Response

If experiencing respiratory symptoms: Call a POISON CENTER.
 Call a POISON CENTER, doctor if you feel unwell.
 If exposed or concerned: Get medical advice.
 If skin irritation or rash occurs: Get medical advice.
 If eye irritation persists: Get medical attention.
 IF IN EYES: Rinse cautiously with water for several minutes.
 IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If experiencing respiratory symptoms: Get medical attention.
 IF ON SKIN: Wash with plenty of Water.
 Take off contaminated clothing. And wash it before reuse.

Storage

Store in a well-ventilated place.
 Store locked up.

Disposal

Dispose of contents Dispose of contents and container in accordance with all local, regional, national and International regulations. Dispose of container! [MISSING VALUE]!

Other hazards

No available data for this section.

SECTION 3 - INFORMATION ON INGREDIENTS

Substances

No available data for this section.

Mixtures

Identifiers	Ingredients	Percentage	Classification
101-68-8	4,4'-methylenediphenyl diisocyanate	10% to 30%	STOT RE 2, STOT SE 3, Resp. Sens. 1, Skin. Sens. 1, Acute Tox. Orl. 4, Skin Irr. 2, Carc. 2, Eye Irr. 2A

SECTION 4 – FIRST AID MEASURES

Description of First Aid Measures

In the event of splashes or contact with eyes

Wash eyes with plenty of water. Remove the contact lenses if worn and easy to do that. Hold eyelids open to ensure adequate flushing. Continue rinsing. Seek medical attention if irritation, redness, or any other symptom develops.

In the event of splashes or contact with skin

Take off all contaminated clothing and wash it before reuse. Wash contaminated areas thoroughly with water. If redness or other symptoms occur, seek medical advice / attention.

In the event of ingestion

DO NOT INDUCE VOMITING. If after ingestion you feel unwell, seek medical advice. If spontaneous vomiting occurs, lean the exposed person forward to reduce the risk of aspiration. If the exposed person is drowsy or unconscious, do not give anything by mouth. Rinse the mouth with water. In case of ingestion of large quantities immediately take the exposed person to hospital.

In the event of inhalation

If the exposed person is not breathing, provide artificial respiration. Remove person to fresh air and keep at rest in a position comfortable for breathing. If necessary, provide additional oxygen once breathing is restored if trained to do so. If spontaneous vomiting occurs, lean the exposed person forward to reduce the risk of aspiration. Loosen tight clothing such as a collar, tie, belt, or waistband. If after inhalation you feel unwell, seek medical advice.

Most important symptoms and effects, both acute and delayed

Eye contact: Causes serious eye irritation.

Skin contact: Causes skin irritation. May cause an allergic skin reaction.

Inhalation: Harmful if inhaled. May cause respiratory tract irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

Indication of any immediate medical attention and special treatment needed

No available data for this section.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media

The suggested appropriate media: Carbon dioxide. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray.

Unsuitable Extinguishing Media

High power water jets.

Special hazards arising from the substance or mixture

Specific Hazards Arising from Combustion of Products

Indirect fire hazard: Tanks in fire may explode.

Fire / decomposition hazards: Gas, vapors, or dust are harmful. Gas, vapors, or dust are irritating to eyes.

Combustion Products

Carbon dioxide. Carbon monoxide. nitrogen oxides. Hydrogen cyanide (HCN). Isocyanate.

Advice for firefighters

Protective Measures for Fire-Fighting

Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

Special Protective Actions for Fire-Fighters

Always stay away from tanks engulfed in fire. Avoid being exposed to gas / mist / dust / fume / vapor / spray / particles. Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Do not allow run-off from firefighting to enter drains or water courses. Evacuate the people from the area. Isolate hazard area and deny entry. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.

Other Information for Fire Fighters

No available data for this section.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Evacuate the people from the area. Isolate and restrict access to area until completion of cleanup. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes. Wear self-contained breathing apparatus or airline. Ventilate spill area.

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Large spill: Stop leak if safe to do so. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

Small spill: Stop leak if safe to do so. Hazard of slipping on spilled product. Move containers from spill area. Dilute with water and mop up if water-soluble and appropriate or absorb with an inert dry material and place in an appropriate waste disposal container. Absorb with earth, sand, or other non-combustible material. Dispose of via a licensed waste disposal contractor.

Reference to other sections

No available data for this section.

SECTION 7 - HANDLING & STORAGE

Precautions for safe handling

Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Avoid direct contact with the substance (solid / liquid / vapor). Check container for defect or leakage before handling. Do not eat, drink or smoke during handling. Do not handle in a confined space. Do not handle until all safety precautions have been read and understood. Ensure there is sufficient ventilation of the area. Wash any exposed area of body thoroughly after handling. Wash Hands thoroughly after handling. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Conditions for Safe Storage

Keep container closed when not in use. Store only in well-ventilated areas.

Suitable Packaging

No available data for this section.

Incompatible Materials

No available data for this section.

Specific end use(s)

No available data for this section.

SECTION 8 - EXPOSURE CONTROL & PERSONAL PROTECTION

Control parameters

Control Parameters / Limits for Product

No available data for this section.

Control Parameters / Limits for Component

4,4'-methylenediphenyl diisocyanate

NIOSH REL	TWA 0.05 mg/m ³ (10h).
	TWA 0.005 ppm(10h).
	CEIL 0.2(10min).
	CEIL 0.02 ppm(10min).
OSHA PEL	CEIL 0.02 ppm.
	CEIL 0.2 mg/m ³ .
ACGIH TLV	TWA 0.005 ppm(8h).

Exposure controls**Engineering Measures**

Provide adequate general and local exhaust ventilation. Safety showers and eye wash stations are recommended in the immediate vicinity of any potential exposure.

Respiratory Protection

No available data for this section.

Eye/Face Protection

Wear safety goggles.

Skin and Body Protection

Wear appropriate chemical resistant clothing.

Hand Protection

Compatible Gloves Material: Nitrile. Butyl rubber gloves. polychloroprene. polyvinyl alcohol (PVA).
Ensure gloves are certified. Wear impermeable gloves.

Hygiene Measures

Contaminated work clothing should not be allowed out of the workplace. Wash Hands thoroughly after handling.

Environmental exposure controls

No available data for this section.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Light Amber
Boiling point	180°C / 356°F
Flash Point	Greater than 100°C / 212°F Closed cup
Relative Density	1.115 multiplier w/r/t air
Solubility of Solvents	Insoluble (Cold and Hot water)
Auto Ignition Temperature	Greater than 200°C / 392°F

SECTION 10 - STABILITY & REACTIVITY**Reactivity**

Reactivity: The product is known to be non-reactive in ambient conditions.

Chemical Stability

This product is stable under ambient condition.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur under normal conditions.

Conditions to Avoid

Keep away from: Humidity. Water.

Incompatible Materials

Avoid contact or storage with: Alcohols. Amines. Water. Humidity.

Hazardous Decomposition Products

This product is stable under normal storage condition.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological Information for Product

Carcinogenicity: Suspected of causing cancer.

Eye contact: Causes serious eye irritation. Adverse symptoms may include the following. Pain or irritation. Redness. Tearing.

Skin contact: Causes skin irritation. May cause an allergic skin reaction. Adverse symptoms may include the following. Irritation. Redness.

Inhalation: Harmful if inhaled. May cause respiratory irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. Adverse symptoms may include the following. Respiratory tract irritation. Coughing. Wheezing. Breathing difficulties. Asthma.

LC50 Inhalation 2.375 mg/l ATE

Toxicological Information for Component

4,4'-methylenediphenyl diisocyanate

LC50 Inhalation 380 g/m³ (4h).

LD50 Oral 9200 mg/kg.

Irritation/Corrosion Information for Product

No available data for this section.

Irritation/Corrosion Information for Component

4,4'-methylenediphenyl diisocyanate

Eyes: 100 mg, Rabbit, Moderate irritant.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity Values for Product

No available data for this section.

Ecotoxicity Values for Component

No available data for this section.

Persistence and degradability

No available data for this section.

Bioaccumulative potential

Bioaccumulative Potential for Product

No available data for this section.

Bioaccumulative Potential for Component

4,4'-methylenediphenyl diisocyanate

Potential: low.

BCF: 200.

LogPow: 4.51.

Mobility in soil

No available data for this section.

Results of PBT and vPvB assessment

No available data for this section.

Other adverse effects

No available data for this section.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Regulation(s) / Operation

Avoid release to soil. Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of national pollutant discharge elimination systems. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. Users need to pay attention to the possible existence of regional or national regulations regarding disposal. The generation of waste should be avoided or minimized wherever possible.

Waste Treatment Methods

No available data for this section.

SECTION 14 - TRANSPORT INFORMATION

	ADR	IMDG	IATA	DOT
UN number	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
UN proper shipping name	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Transport hazard class(es)	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Packing group	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Environmental hazards	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Special precautions for user	No available data for this section.			
Transport in bulk according to Annex II of Marpol and the IBC Code	No available data for this section.			
Other	Not regulated for transport			

SECTION 15 - REGULATORY INFORMATION

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

Safety, Health and Environmental Regulations for Product

Benzene: Regulated in New Jersey.

Phosphoric acid: Clean Water Act (CWA) 311.

Safety, Health and Environmental Regulations for Component

4,4'-methylenediphenyl diisocyanate

Right to know

New York.
New Jersey.
Pennsylvania.

SARA 313 Supplier notification

Present.

SARA 313 Form R

Present.

SARA 311/312

Immediate (acute) health hazard.

CWA 307
TSCA

Delayed (chronic) health hazard.
Listed.
Listed.

Chemical safety assessment

No available data for this section.

SECTION 16 - OTHER INFORMATION

Glossary

ATE: Acute Toxicity Estimate.

BCF: Bioconcentration Factor.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

HCS (U.S.A.): Hazard Communication Standard.

IATA: International Air Transport Association.

IBC: Intermediate Bulk Container.

IMDG: International Maritime Code for Dangerous Goods.

LogPow: logarithm of the octanol/water partition coefficient.

UN: United Nations.

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 SDS 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