

Material Safety Data Sheet
LX 2000 Blend Asphalt Release
 January 2013

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SECTION 1

Product Name
 Product Use
 Manufacturer
 Distributor
 Emergency Contact

IDENTITY

LX 2000 Blend Asphalt Release
 Citrus Water Soluble Concentrate (Liquid)
 Zorbie Products Ltd
 Zorbie Products Ltd
 Russ Simpson @ 604-290-2218

SECTION 2

Hazardous Components

COMPONENTS & INGREDIENTS

D' Limonene(30-70%)Ethoxylated Lauryl Alcohol(2-5%)
 Propylene Glycolether(5-10%)Coconut oil Ethoxylated(1-2%)

SECTION 3

Skin Contact
 Ingestion
 Eye Contact

HAZARDOUS IDENTIFICATION

May cause irritation
 May cause gastrointestinal irritation
 Causes irritation such as redness and possible tearing
 *An 8% solution in D' Limonene in petroleum did not cause an allergic reaction in any of the 25 volunteers tested.
 **D' Limonene is thought to be the principle sensitizer in citrus fruit.

SECTION 4

Skin Contact

Eye Contact

Inhalation

Ingestion

FIRST AID MEASURES

Remove contaminated clothing. Wash exposed areas with soap and water. Get medical attention if allergic reaction occurs.
 In case of contact, flush eyes with plenty of water for at least 15 minutes using an eyewash fountain, if available. Get medical attention if irritation occurs.
 Avoid gross inhalation of fumes. Remove patient to fresh air. If breathing is difficult, or allergic reaction or irritation develops, administer oxygen and get medical attention.
 Avoid ingestion. If swallowed do not induce vomiting. Obtain medical advice immediately.

SECTION 5

Upper Flammability Limit
 (% by Volume)
 Lower Flammability Limit
 (% by Volume)
 Auto-Ignition Temperature
 Explosion Data Sensitivity to Impact
 Explosion Data Sensitivity to Static Discharge
 Flammability
 Means of Extinction
 Fire Fighting Protective Equipment

FIRE FIGHTING MEASURES

Not Applicable
 Not Applicable
 Not Applicable
 Not Applicable
 Not Applicable
 Not Flammable
 Water, Foam, Co2
 As in any fire, wear self-contained pressure demand breathing apparatus (MSHA/NIOSH Approved or Equivalent) and full protective gear

SECTION 6

Leak and Spill Procedures

Waste Disposal

ACCIDENTAL RELEASE MEASURES

All personnel involved in cleanup must wear protective clothing. No emergency results from spillage. However, spills should be cleaned up promptly to the extent possible. Clean up spill using absorbent material, shovel and/or wet vacuum.
 No special disposal method required. May be disposed of in accordance with the local rules and regulations.

SECTION 7

Handling Procedure & Equipment
 Storage Requirements

HANDLING AND STORAGE

Avoid contact with eyes and prolonged skin contact. Avoid breathing dusts.
 Store in a cool, dry and dark place in the original container.

SECTION 8

Ventilation
 Gloves
 Respirator

EXPOSURE CONTROL / PERSONAL PROTECTION

Provide adequate ventilation
 Use oil/solvent resistant
 No special protection required. Use approved organic mask if vapors are high due to heat

Eyes	Safety glasses or chemical splash goggles
Footwear	Not applicable
Clothing	Protective clothing is advisable or impervious apron
Other	Not applicable

SECTION 9

Physical State
 Odor and Appearance
 Odor Threshold (PPM)
 Kinematic Viscosity
 Specific Gravity (H₂O=1)
 Vapor Density (air=1)
 Vapor Pressure (mmHg)
 Evaporation Rate (Ether=1)
 Boiling Point
 Freezing Point
 pH
 Solubility in Water

SECTION 10

Chemical Stability
 Incompatibility with Other Substances
 Reactivity; under what conditions?
 Hazardous Decomposition Products
 Hazardous Polymerization

SECTION 11

Effects of Acute Exposure
 Effects of Chronic Exposure
 Skin Sensitization
 Embryo Toxicity
 Mutagenicity
 Name of Synergistic Products/Effects

SECTION 12

Aquatic Toxicity

SECTION 13

Waste Disposal

SECTION 14

Special Shipping Information

SECTION 15

WHIMIS Classification

TSCA
 CERCLA and SARA Regulations

PHYSICAL AND CHEMICAL PROPERTIES

Liquid
 Moderate Citrus odor, light clear viscous liquid
 Not Determined
 Not Applicable
 Not Applicable
 Not Determined
 1
 Not Determined
 More than 100°C
 Less than 0°C
 7.8
 Mixes

STABILITY AND REACTIVITY

Yes, Shelf Life = 3 Years
 Yes, Oxidizers and Strong Acids
 Not Determined
 D' Limonene may emit acrid smoke and irritating fumes when heated to decomposition
 Will not occur

TOXICOLOGICAL INFORMATION

Irritation to eyes, skin, inhalation, swallowing
 Specific effects not determined. Related components considered to be irritating
 D' Limonene is thought to be the principle sensitizer in citrus fruit
 No Effects
 No Effects
 Not Determined

ECOLOGICAL INFORMATION

No Components of this material may be toxic to aquatic organisms

DISPOSAL CONSIDERATIONS

Dispose all absorbent material with accepted garbage disposal practices

TRANSPORT INFORMATION

None Required

REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

All ingredients are on the TSCA Chemical Substance Inventory
 This product does not contain any chemicals subject to the reporting requirement of the SARA section 313.

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