

MATERIAL SAFETY DATA SHEET

Lloyds Laboratories Inc.

Belt Dressing Bulk Liquid Heptane Based Part # 31720

SECTION I: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Belt Dressing	PRODUCT USE:	Protectorant.
MANUFACTURER:	Lloyds Laboratories Inc.	SUPPLIER:	Lloyds Laboratories Inc.
ADDRESS:	613 Neal Drive, Peterborough, Ontario, K9J 6X7	ADDRESS:	613 Neal Drive, Peterborough, Ontario, K9J 6X7
EMERGENCY #:	1 800 361-6766	EMERGENCY #:	1 800 361-6766

SECTION II: INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-TWA	ACGIH-TWA	LD ₅₀
Heptane	142-82-5	45-75	400 mg/m ³	400 mg/m ³	15,000 mg/kg
isobutylene homopolymer	9003-29-6	5-15	Not established	Not established	Know known.

SECTION III: HAZARDOUS IDENTIFICATION

Route of Entry:	Eye, skin contact, ingestion.
Potential Health Effects:	
Eye Contact:	May cause irritation to eyes. Symptoms including stinging, tearing and redness.
Skin Contact:	May cause irritation upon repeated/prolonged contact. May dry the skin causing redness, burning and drying. Possible skin permeator.
Inhalation:	May cause slight nose, throat and respiratory tract irritation. Breathing small amounts of the product is not likely to cause harmful effects below TWA limit. Breathing large amounts, i.e. over the TWA may cause harmful effects.
Ingestion:	May cause irritation to mouth, esophagus and stomach. May cause gastric tract upset and/or damage. Swallowing large amounts may be harmful. This material can get into lungs during swallowing or vomiting. This result is lung inflammation and other lung injury.
Chronic Effects:	
Carcinogenicity:	No ingredients listed IARC or NTP or ACGIC. Non hazardous by WHMIS/OSHA criteria.
Teratogenicity, Mutagenicity, Reproductive Effects:	The ingredients in this product were found not to be mutagenic when tested by the Ames Assay, (OECD Guidelines for chemical testing, sec.471).
Skin:	Repeated or prolonged exposures to dilutions can cause drying, defatting and dermatitis.

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SECTION IV: FIRST AID MEASURES

Eye Contact:	Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.
Skin Contact:	Flush with water. Remove contaminated clothing and launder before reuse.
Inhalation:	Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.
Ingestion:	DO NOT INDUCE VOMITING. Rinse mouth with water, and then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

SECTION V: FIRE FIGHTING MEASURES

Flammability:	Flammable
Flash Point deg (C,TCC):	Heptane lowest -4 C
Means of Extinction:	Use water spray to keep fire exposed containers cool. Dry chemicals, carbon dioxide. Fight fire from protected location or maximum possible distance.
Special Fire Hazards:	Fire fighters should wear self contained breathing apparatus as for surrounding fire. Extremely flammable in presence of open flames and sparks, of heat.
Autoignition temperature:	Not applicable.
Flame projection:	Not applicable.
Sensitivity to static discharge:	Not applicable.
Unusual Fire and Explosion Hazards:	Non known.
Hazardous decomposition products:	Oxides of carbon, oxides of nitrogen.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion -proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools Take precautionary measures against electrostatic discharges. Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
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Keep container tightly closed. Keep in a cool, well-ventilated place. Take precautionary measures against electrostatic discharges. Flammable materials should be stored in a separate safety storage cabinet or room. All efforts should be made to prevent any leaks or spills. Storage tanks containing should be engineered to prevent contact with water resources, as this material could contaminate the water resources. Surface spills can reach groundwater through porous soil or cracked surfaces. The storage tanks should be monitored regularly for leaks. Where spills or leaks are possible, a comprehensive response plan should be developed and implemented.

SECTION VII: HANDLING AND STORAGE

Storage Requirements: KEEP OUT OF REACH OF CHILDREN.
Store in a dry, cool and well ventilated area.

Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion -proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools Take precautionary measures against electrostatic discharges. Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

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SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: Use Viton or Nitrile gloves to avoid prolonged or skin contact repeated.
Eye Protection: If eye contact is possible chemical splash goggles are recommended.
Respiratory Protection: Not normally required if good ventilation is maintained to maintain below TWA.
Other Protective Equipment: As required by employer code. Eye bath, safety shower, protective clothing.
Engineering Controls: General ventilation normally required.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.	Odour and Appearance: Solvent, water white in colour		Odour Threshold	Not applicable
Vapour Pressure (mm Hg):	35-60 psi@ 70F	Vapour Density (Air=1)	Not applicable	Boiling Point (°C)	Not applicable
% Volatile (Wt %):	20 %	Solubility in water(20°C)	None	Freezing Point (°C)	Not available
pH	Not applicable	Specific Gravity	.80	Evaporation Rate (nBuAc=1)	>BuAc
Coeff. Water/Oil Dist.	Not available				

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SECTION X: STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable under normal conditions. Excessive heat or contamination could cause decomposition.

Incompatible Materials: Reducing agents, strong acids, strong caustics, iron and other metals.

Hazardous Decomposition Products: Oxides of carbon, Oxides of Nitrogen when heated.

SECTION XI: TOXICOLOGICAL INFORMATION

LD 50 values for individual components see section II.
Skin Sensitization (OECD Sec. 406) Non sensitizing.

SECTION XII: ECOLOGICAL INFORMATION

No data available on the adverse effects of this product on the environment.

SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of in accordance to all local, provincial/state and federal regulations.

SECTION XIV: TRANSPORTATION

T.D.G. Classification: CLASS 3: Flammable liquid.
UN1993, Flammable Liquids n.o.s. (contains Heptane) PG II

D.O.T. Classification: CLASS 3: Flammable liquid.
UN1993, Flammable Liquids n.o.s. (contains Heptane) PG II

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SECTION XV: REGULATORY INFORMATION

Occupational Health and Safety

Regulations:

WHMIS Class:

OSHA & WHMIS:

MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations.

Environmental Regulatory Lists:

CERCLA – Section 102 (Reportable Quantity) 40 CFR 302:

Heptane.

CLEAN WATER ACT – Section 311 (Reportable Qty) 40 CFR 116:

Heptane.

CLEAN AIR ACT – Section 312 (List of Hazardous Pollutants) 40 CFR 63 (Subpart C):

Flammable. Heptane.

Toxic Substances Control Act (TSCA):

All ingredients are registered on the Chemical Substances Inventory.

Canadian Domestic Substance List (DSL):

All ingredients are registered on the DSL.

SECTION XVI: OTHER INFORMATION

Date:	6 June, 2016	Prepared By:	Technical Services Group	Telephone:	1 800 361-6766
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Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST in Montreal, Quebec (514-873-3990).