



23 Admiral Place, Guelph, ON N1G 4N4
37020 Amrhein Road, Livonia, MI 48150
Phone: 1.800.265.8350
www.eckelsandcompany.com

Eck-O-Lan

SDS Revision Date: Nov. 12, 2015

SAFETY DATA SHEET

This safety data sheet complies with all requirements of GHS 5^e 2013

SECTION 1: IDENTIFICATION

Product Identifier: **Eck-O-Lan**
CAS Number: Not applicable – refer to Section 3 for details on ingredients
Annex VI Index Number: Not applicable – refer to Section 3 for details on ingredients
Product Identifier Code: 2-022
Identified Uses of Product: Humectant for Embalming

Prepared By:

H.S. ECKELS & COMPANY (CANADA) LTD.

23 ADMIRAL PLACE
GUELPH, ONTARIO
N1G 4N4
(519) 824-8020

Emergency Telephone Number (613) 996-6666 (Canutec)

SECTION 2: HAZARD IDENTIFICATION

Classification of Mixture

Clear, Amber Liquid. No odour.

Label Elements:

Signal Words

Warning

Hazard Statements

H227: Combustible Liquid

Precautionary Statements – Prevention

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

P264: Wash contacted areas thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves, protective clothing and eye or face protection.

Precautionary Statements - Response

P301+P312: IF SWALLOWED: call a POISON CENTRE or doctor if you feel unwell.

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

P337+P313: If eye irritation persists: Seek medical attention.

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Precautionary Statements - Storage

P403: Store in a well ventilated area.

Precautionary Statements - Disposal

P501: Review federal, provincial or state, and local government requirements prior to disposal. For large quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Hazard Symbols

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Table 3.1: Ingredients of Mixture

No Hazardous materials are present above their reportable quantities.

SECTION 4: FIRST-AID MEASURES

Necessary First-Aid Measures upon:

Inhalation	No adverse health effects are expected.
Eye Contact	Flush eyes with lukewarm warm water, holding the eye lids open. If irritation persists, obtain medical attention.
Skin Contact	No adverse health effects are expected.
Ingestion	Obtain medical attention if victim feels unwell.

Most Important Effects

Contact may cause eye irritation.

Most Important Symptoms

Immediate	Irritation of eye
Delayed	No delayed symptoms expected.

Additional Information

Clinical Testing	No definitive clinical test data was found for this product. See Section 1 for details.
Medical Monitoring	Treat symptomatically. Medical attention may be required.
Antidotes	No antidotes have been listed for this mixture.
Contraindications	No contraindications have been listed for this mixture.

SECTION 5: FIRE-FIGHTING MEASURES



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Suitable Extinguishing Media

Carbon dioxide, alcohol foam, dry chemical, water spray.

Specific Hazards arising for Combustion of the Product

May form carbon oxides.

Special Protective Actions for Fire-Fighters

Wear self-contained breathing apparatus and complete personal protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions Good hygienic practices. Eliminate ignition sources.

Protective Equipment

Respiratory protection: None required.
Protective Gloves: Neoprene rubber or latex should be worn.
Eye Protection: Chemical safety goggles should be worn to prevent eye contact.
Other Protective equipment: None required.
Emergency Procedures None listed.
Environmental Cautions This product is not expected to be harmful to aquatic life. Please refer to Section 12 for complete ecological effects.

If large amounts are spilled please notify your local environmental agency.

Methods and Materials for:

Containment Do not allow product to escape in to drains or waterways.
Clean Up Review federal, provincial or state, and local government requirements prior to disposal. For large quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service. Please refer to Section 13 for complete disposal procedures.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Specific Avoid contact with eyes. Wash thoroughly with soap and water after handling. Please refer to Section 6 for details on appropriate PPE.

General Hygiene Considerations

Eating, drinking, smoking and applying cosmetics in work areas is prohibited.
Remove all contaminated clothing and PPE before entering eating areas.



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Precautions for Safe Storage

Store in a closed container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Table 8.1: Exposure Limits

None listed.

Exposure Controls

Keep container tightly closed. Do not handle until all safety precautions have been read and understood. Ensure all personnel wear appropriate PPE at all times when handling this product. Contaminated work clothing should not be allowed out of the workplace.

Engineered Protection Measures

None listed.

Individual Protection Measures

General hygiene measures and appropriate PPE should be used in conjunction with the afore mentioned engineered measures of protection. Also see Section 5 for additional protection measures in case of fire.

Eye/Face Protection	Chemical safety goggles should be worn to prevent eye contact.
Skin Protection	Neoprene rubber or latex gloves should be worn.
Respiratory Protection	None required.
Thermal Hazards	This mixture does not present a thermal hazard under normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Physical and Chemical Properties of Mixture

Appearance	Clear, Amber Liquid
Odour	No odour
Odour Threshold	Not Available
pH	Not Available
Melting/Freezing Point	Not Available
Boiling Point and Range	>100°C
Flash Point	>148.8°C
Evaporation Rate(BuAe=1)	Not Available
Flammability (Solid, Gas)	Not Available
Upper Explosive Limit	Not Available



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Lower Explosive Limit	Not Available
Vapour Pressure	Not Available
Vapour Density (air=1)	Not Available
Relative Density	Not Available
Solubility	Insoluble
Partition Coefficient: n-octanol/water	Not Available
Auto-Ignition Temp	Not Available
Decomposition Temp	Not Available
Viscosity	Not Available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not normally reactive
Chemical Stability	Stable
Possibility of Hazardous Reactions	Hazardous polymerization does not occur.
Conditions to Avoid	There are no specific conditions to avoid during normal use of this product.
Incompatibility Materials	None listed
Hazardous Decomposition Products	None listed

SECTION 11 : TOXICOLOGICAL INFORMATION

Toxicological Data of Ingredients

Acute Toxicity	Not classified as a Toxic.
Skin Corrosion/Irritation	Not classified as a Skin Irritant.
Serious Eye Damage/Irritation	Not classified as an Eye Irritant.
Respiratory or Skin Sensitization	Not classified as a Skin Sensitizer.
Germ Cell Mutagenicity	Not classified as a germ cell mutagenic hazard.
Carcinogenicity	Not classified as a Carcinogen.
Reproductive Toxicity	Not classified as a reproductive hazard.
STOT – Single Exposure	Not classified as a hazard for target organ toxicity in a single exposure.

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STOT – Repeated Exposure Not classified as a hazard for target organ toxicity in repeated exposure.

Aspiration Hazard Not classified as an aspiration hazard.

Routes of Exposure Eye Contact, Ingestion

Effects of Acute Exposure via:

Eye Contact Contact may cause eye irritation.

Table 11.1: Toxicity Data for Hazardous Ingredients

No data available.

Interactive Effects No interactive effects are listed for this mixture.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological Properties

Acute Aquatic Toxicity	This product has not been tested for toxicity to aquatic life.
Chronic Aquatic Toxicity	This product has not been tested for toxicity to aquatic life.
Persistence and Degradability	Biodegradable information not available.
Bioaccumulative Potential	Bioaccumulative information not available
Mobility in Soil	Soil mobility information not available
Other Adverse Effects	No other effects are listed for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Please refer to Sections 7 and 8 for proper storage, handling and personal protective measures.

Disposal Containers and Methods

Product Disposal	Avoid disposal of this product via sewage systems. Review federal, provincial or state, and local government requirements prior to disposal. Disposal by controlled incineration or by secure land fill may be acceptable.
Container Disposal	Empty containers may contain hazardous residue. Return to supplier for reuse if possible. If disposing of containers, ensure they are well rinsed with water, then disposed of at an authorised landfill. After cleaning, all existing labels should be removed.

Properties affecting Disposal Options

No additional properties are listed.



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Special Precautions for Incinerators or Landfills

No special precautions for incinerators or landfills are listed for this product. See Section 12 for complete ecological information.

SECTION 14: TRANSPORT INFORMATION

This substance is not regulated under the TDG, DOT or the GHS.

SECTION 15: REGULATORY INFORMATION

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

US Federal Information:

TSCA: All listed ingredients appear on the TSCA inventory.

ECPRA (SARA TITLE III):

Section 302, Extremely Hazardous Substances, 40 CFR 355: This product contains no Extremely Hazardous Substances under SARA Section 302.

Section 313, Toxic Chemicals Notification, 40 CFR 372: This product contains no Toxic Chemical constituents above their de minimus concentrations.

US State Right to Know Laws:

California Proposition 65: This product contains no listed chemicals.

Other U.S. State "Right to Know" Lists

No chemicals in this product are specifically listed by individual States.

SECTION 16: OTHER INFORMATION

The OSHA Hazard Communication Standard (HCS) is now aligned with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

The WHMIS 2015, including the Hazardous Products Act (HPA) and Hazardous Products Regulations (HPR), is aligned with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).



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Legend of Abbreviations

GHS – Globally Harmonized System of Classification and Labelling of Chemicals
SDS – Safety Data Sheet
OECD – The Organisation for Economic Co-operation and Development
CAS – Chemical Abstract Service
EC – European Commission
TLV – Threshold Limit Value
TLV-C – Threshold Limit Value – Ceiling Limit
TWA – Time Weighted Average
STEL – Short-term Exposure Limits
ACGIH – American Conference of Governmental Industrial Hygienists 1993-1994
OSHA – Occupational Safety and Health Administration
STOT – Specific Target Organ Toxicity
LC – Lethal Concentration
LD – Lethal Dose
Ihl - Inhalation
Rbt - Rabbit
UN – United Nations
TDG – Recommendations on the Transport of Dangerous Goods, published by the UN
PPE – Personal Protective Equipment
NIOSH - The National Institute for Occupational Safety and Health
IARC – International Agency for Research on Cancer
WHMIS – Workplace Hazardous Materials Information System
PAN – Pesticide Action Network
USGS – United States Geological Survey
CPR – Canadian Controlled Products Regulations
ECPRA - Emergency Planning and Community Right-to-Know Act
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act
TSCA – Toxic Substances Control Act
SARA – Superfund Amendments and Reauthorization Act
DOT – U.S. Department of Transportation
HCS – Hazard Communication Standard

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This Safety Data Sheet was prepared by H.S. Eckels & Company (Canada) Ltd using information provided by the Globally Harmonized System of Classification and Labelling Chemicals – Fifth Revised Edition 2013.



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The information in the Safety Data Sheet is put forth to guide persons in safe conduct when exposed to Eck-O-Lan.

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The data in this SDS does not apply to the exposure in any other process than those mentioned in Section 1. The data in this SDS does not apply to the exposure to any product other than Eck-O-Lan. This Safety Data Sheet may not be changed, or altered in any way without the expressed permission of H.S. Eckels & Company (Canada) Ltd.

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