

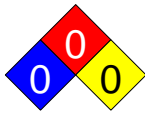
Safety Data Sheet
acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915, 1926

1 Identification

- **Product identifier**
 - Trade name: ***Regard Lumina Floor Finish***
 - **Article number:** 2086334102
 - **Recommended use** Floor Finish
 - **Restrictions on use**
All other uses than those indicated on the product label and technical data sheet.
- **Details of the supplier of the safety data sheet**
 - **Manufacturer:**
Wesclean
11450-149th Street
Edmonton, AB
T5M 1W7
www.wesclean.com
Tel: 1-888-337-2929
 - **Client Identification Number** 370001
 - **Emergency telephone number:** CANUTEC 1-613-996-6666

2 Hazard(s) identification

- **Classification of the product:**
The product is not classified according to the Globally Harmonized System (GHS).

 - **Label elements**
 - **Hazard pictograms:** Not classified.
 - **Signal word:** Not classified.
 - **Hazard statements:** Not classified.
 - **Classification system:**
 - **NFPA ratings (scale 0 - 4)**
- 

Health = 0
Fire = 0
Reactivity = 0
-
- **Hazard not otherwise classified** None
 - **Notes:** For the wording of the listed abbreviations refer to section 16.

3 Composition/information on ingredients

· **Dangerous components:**

111-90-0	2-(2-ethoxyethoxy)ethanol	3-<10%
----------	---------------------------	--------

4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:**
Rarely cause discomfort; supply fresh air and consult doctor in case of complaints.
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation. Get medical attention.
- **After skin contact:** Wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After ingestion:** If symptoms persist consult a doctor.

(Contd. on page 2)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926*

Trade name: **Regard Lumina Floor Finish**

(Contd. of page 1)

- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing media**
- **Suitable extinguishing media**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Specific hazards arising from the product**
In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (CO_x) and nitrogen dioxide (NO_x).
- **Advice for firefighters**
- **Special protective equipment and precautions for fire-fighters** No special measures required.
- **Additional information** This product is not flammable.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear recommended protective equipment(s). Keep unprotected persons away.
Protective gloves
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Conditions for safe storage, including any incompatibilities** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Appropriate engineering controls** Ensure appropriate aeration and ventilation.
- **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

111-90-0 2-(2-ethoxyethoxy)ethanol

EV (Canada) Long-term value: 165 mg/m³, 30 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.

(Contd. on page 3)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
 1926*

Trade name: **Regard Lumina Floor Finish**

(Contd. of page 2)

- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Goggles recommended during refilling.
- **Body protection:** No special measures required.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· **Form:** Opaque Liquid

· **Colour:** White

· **Odour:** Acrylic

· **Odour threshold:** Not determined.

· **pH-value at 25 °C:** 8.0-9.0

· **Change in condition**

· **Melting point/Melting range:** Undetermined.

· **Boiling point/Boiling range:** 100 °C

· **Flash point:** 94 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 190 °C

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Vapour pressure at 20 °C:** 23 hPa

· **Density at 25 °C:** 1.030- 1.040 g/cm³

· **Relative density** Not determined.

· **Vapour density (air=1)** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

· **Water:** Partly miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· **Dynamic:** Not determined.

· **Solvent content:**

· **Organic solvents:** 5.6 %

10 Stability and reactivity

- **Reactivity** Not determined.

(Contd. on page 4)

Safety Data Sheet
acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915, 1926

Trade name: **Regard Lumina Floor Finish**

(Contd. of page 3)

- **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** This product may react with strong oxidizing agents.
- **Hazardous decomposition products:**
In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

11 Toxicological information

- **Information on the likely routes of exposure** Inhalation, Skin and eyes contact
- **Acute toxicity:**
 - **Numerical measures of toxicity**

· Components		Type	Value (Species)
Mean of exposure			
ATE (Acute Toxicity Estimates)			
Oral	LD50	67105 mg/kg (rat)	
Dermal	LD50	139860 mg/kg (rabbit)	

- **Symptomes related to the physical, chemical and toxicological characteristics**
 - **by inhalation:**
Vapours may cause irritation to the airways. Inhalation of larger amounts may induce discomfort, nausea, dizziness, headache, narcosis, and unconsciousness.
 - **If on the skin:** May cause irritation by prolonged contact with skin.
 - **If on the eye:** No irritating effect.
 - **after ingestion:**
May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
 - **Sensitization:** No sensitizing effects known.
- **Delayed and immediate effects, and chronic effects from short-term and long-term exposure**
Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
123-91-1	1,4-dioxane	2B
· NTP (National Toxicology Program)		
123-91-1	1,4-dioxane	R

12 Ecological information

- **Persistence and degradability** No relevant information available.
- **Behavior in environmental systems:**
 - **Bioaccumulative potential** No further relevant information available.
 - **Mobility in soil** No further relevant information available.

(Contd. on page 5)

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
 1926*

Trade name: **Regard Lumina Floor Finish**

(Contd. of page 4)

- **Ecotoxicity** No relevant information available
- **General notes:**
 Do not allow product to reach ground water, water course or sewage system.
 Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
 - **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· DOT, ADN, IMDG, IATA	Not regulated.
· UN proper shipping name · DOT	Not regulated.
· Transport hazard class(es) · Class	Not regulated.
· Packing group · DOT	Not regulated.
· Environmental hazards: · Marine pollutant:	No
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

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

· Chemicals known to cause cancer:	
123-91-1	1,4-dioxane
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
· EPA (Environmental Protection Agency)	
123-91-1	1,4-dioxane
	L
· TLV (Threshold Limit Value established by ACGIH)	
123-91-1	1,4-dioxane
	A3
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
123-91-1	1,4-dioxane

CA

(Contd. on page 6)

Safety Data Sheet
acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926

Trade name: ***Regard Lumina Floor Finish***

(Contd. of page 5)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of creation/last revision:** 06/15/2015

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

CA