

## SECTION 1: Identification

### 1.1. Identification

Product name : FINISH REMOVER

Product code : A210091

### 1.2. Recommended use and restrictions on use

Recommended use : One application floor remover

Restrictions on use : Industrial and commercial use only

### 1.3. Supplier

Project Clean Inc.

2330 Industrial Parkway SW

Dyersville, IA 52040

USA

T 1 800 663 9925

[regulatory@projectclean.com](mailto:regulatory@projectclean.com) - [www.projectclean.com](http://www.projectclean.com)

### 1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency number	Comment
USA	CHEMTREC Chemical Emergency	www.chemtrec.com	1 800 424 9300	24hr/day 7days/week within USA and Canada
USA	CANUTEC Transportation Emergencies	www.canutec.com	1 613 996 6666 *666 on a cell phone	24hr/day 7days/week within USA and Canada

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS US classification

Skin corrosion/irritation Category 2

H315

Causes skin irritation

Serious eye damage/eye irritation Category 1

H318

Causes serious eye damage

Full text of H statements : see section 16

### 2.2. GHS Label elements, including precautionary statements

#### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

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Hazard statements (GHS US)	:	H315 - Causes skin irritation H318 - Causes serious eye damage
Precautionary statements (GHS US)	:	P264 - Wash hands and affected area thoroughly after handling. P280 - Wear protective glove, eye or face protection. P302+P352 - If on skin: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a poison center or doctor. P321 - Specific treatment (see supplemental first aid instruction on the SDS or on the product SDS). P332+P313 - If skin irritation occurs: Get medical advice or attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
Monoethanolamine	CAS-No.: 141-43-5	1 – 10
Benzyl Alcohol	CAS-No.: 100-51-6	3 – 7
C9-11, Ethoxylated Alcohol	CAS-No.: 68439-46-3	1 – 5
2-(2-Butoxyethoxy)ethanol	CAS-No.: 112-34-5	0.5 – 1.5

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general	:	Call a physician immediately.
First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	:	Rinse skin with water or shower. Remove or Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

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First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

### 4.2. Most important symptoms and effects (acute and delayed)

Expected Symptoms/Effects, Acute and Delayed : May cause skin irritation, dermatitis, or skin burns. May cause dermatitis, eye irritation, corneal edema and chemical burns.

Symptoms/effects after skin contact : Burns.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

Chronic symptoms : Inflammation or damage of the eye tissue. Dry skin.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Do not handle until all safety precautions have been read and understood. Clean up any spills as soon as possible, using an absorbent material to collect it.

#### 6.1.1. For non-emergency personnel

Protective equipment : Gloves (EN 374). Safety glasses (EN 166).

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe fume, mist, vapour, or spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls or personal protection".

Emergency procedures : Ventilate area. Evacuate unnecessary personnel. Cover spill with non combustible material, e.g.: sand or earth. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

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### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe fume, mist, vapours, or spray. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Store in original container. Store locked up.  
Incompatible products : Strong acids. Oxidizing agent.  
Incompatible materials : Metals. Organic materials.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>FINISH REMOVER</b>	
No additional information available	
<b>Monoethanolamine (141-43-5)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Ethanolamine
ACGIH OEL TWA [ppm]	3 ppm
ACGIH OEL STEL [ppm]	6 ppm
Remark (ACGIH)	TLV® Basis: Eye & skin irr
Regulatory reference	ACGIH 2022
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Ethanolamine
OSHA PEL TWA [1]	6 mg/m <sup>3</sup>

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<b>Monoethanolamine (141-43-5)</b>	
OSHA PEL TWA [2]	3 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>Benzyl Alcohol (100-51-6)</b>	
No additional information available	
<b>2-(2-Butoxyethoxy)ethanol (112-34-5)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Diethylene glycol monobutyl ether
ACGIH OEL TWA [ppm]	10 ppm (Inhalable fraction and vapor)
Remark (ACGIH)	TLV® Basis: Hematologic, liver & kidney eff
Regulatory reference	ACGIH 2022
<b>C9-11, Ethoxylated Alcohol (68439-46-3)</b>	
No additional information available	

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

<b>Materials for protective clothing:</b>
Nitrile rubber/PVC
<b>Hand protection:</b>
Protective gloves against chemicals (EN 374)
<b>Eye protection:</b>
Chemical goggles or safety glasses
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In case of insufficient ventilation, wear suitable respiratory equipment

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### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear. Pale yellow liquid.
Color	:	Pale yellow
Odor	:	Amine-like odour
Odor threshold	:	No data available
pH	:	10 – 12
Melting point	:	Not applicable
Freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	> 100 °C
Relative evaporation rate (butyl acetate=1)	:	No data available
Upper and lower flammability or explosive limit	:	No data available Not flammable.
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	1 – 1.02
Solubility	:	soluble in water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	Not self-igniting
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	Thin like water
Explosion limits	:	No data available
Explosive properties	:	Not explosive.
Oxidizing properties	:	No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Temperatures above 30°C (86°F) and below 5°C (41°F).

### 10.5. Incompatible materials

Organic materials. Oxidizing agent. Strong acids. Metals.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

<b>FINISH REMOVER</b>	
LD50 oral rat	9044 mg/kg
LD50 dermal rat	20501 mg/kg
LC50 Inhalation - Rat	26 mg/l/4h
<b>Monoethanolamine (141-43-5)</b>	
LD50 oral rat	1089 mg/kg Source: OECD SIDS
LD50 dermal rabbit	2504 mg/kg Source: OECD SIDS
<b>Benzyl Alcohol (100-51-6)</b>	
LD50 oral rat	1620 mg/kg bw/day (Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg (EPA OTS 798.1100, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 4.18 mg/l/4h (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, (maximum achievable concentration), Inhalation (aerosol), 14 day(s))

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<b>2-(2-Butoxyethoxy)ethanol (112-34-5)</b>	
LD50 oral rat	5660 mg/kg
LD50 dermal rabbit	2764 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value, Dermal, 14 day(s))

<b>C9-11, Ethoxylated Alcohol (68439-46-3)</b>	
LD50 oral rat	1378 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Dermal)

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

<b>Benzyl Alcohol (100-51-6)</b>	
NOAEL (oral,rat,90 days)	400 mg/kg body weight Animal: rat, Guideline: other:

<b>2-(2-Butoxyethoxy)ethanol (112-34-5)</b>	
NOAEL (oral,rat,90 days)	250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)

Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Likely routes of exposure	: Skin and eye contact. Ingestion.
Expected Symptoms/Effects, Acute and Delayed	: May cause skin irritation, dermatitis, or skin burns. May cause dermatitis, eye irritation, corneal edema and chemical burns.
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.
Chronic symptoms	: Inflammation/damage of the eye tissue. Dry skin.



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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

<b>Monoethanolamine (141-43-5)</b>	
LC50 - Fish [1]	170 mg/l Source: OECD SIDS
EC50 - Crustacea [1]	32.6 mg/l
ErC50 algae	2.1 mg/l Source: ECHA
<b>Benzyl Alcohol (100-51-6)</b>	
LC50 - Fish [1]	460 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	230 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	770 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
NOEC chronic fish	48897 mg/l Test organisms (species): other: Duration: '30 d'
<b>2-(2-Butoxyethoxy)ethanol (112-34-5)</b>	
LC50 - Fish [1]	1300 mg/l (Equivalent or similar to OECD 203, 96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	> 100 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

#### 12.2. Persistence and degradability

Persistence and degradability This product does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity. This product does not adversely inhibit a diverse aquatic range of organisms (animal, plant, bacteria) as required by the Ecologo® program under UL2759.

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<b>Benzyl Alcohol (100-51-6)</b>	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
<b>2-(2-Butoxyethoxy)ethanol (112-34-5)</b>	
Persistence and degradability	Readily biodegradable in water.
<b>C9-11, Ethoxylated Alcohol (68439-46-3)</b>	
Persistence and degradability	Readily biodegradable in water.

### 12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (Log Kow)	No data available
Bioaccumulative potential	No bioaccumulation data available.

<b>Monoethanolamine (141-43-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	-1.31 Source: ICSC
<b>Benzyl Alcohol (100-51-6)</b>	
BCF - Fish [1]	1.37 l/kg (BCFBAF v3.01, Estimated value)
Partition coefficient n-octanol/water (Log Pow)	1 – 1.1 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>2-(2-Butoxyethoxy)ethanol (112-34-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	1 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>C9-11, Ethoxylated Alcohol (68439-46-3)</b>	
Bioaccumulative potential	No bioaccumulation data available.

### 12.4. Mobility in soil

Mobility in soil	No (test) data on mobility of the substance available
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<b>Benzyl Alcohol (100-51-6)</b>	
Surface tension	39 mN/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.122 – 1.332 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.

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2-(2-Butoxyethoxy)ethanol (112-34-5)	
Surface tension	27 mN/m (25 °C, 0.00212 mol/g)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.642 – 1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods	:	Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
Product/Packaging disposal recommendations	:	Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available or puncture and dispose of in a sanitary landfill.
Ecology - waste materials	:	Avoid release to the environment.

## SECTION 14: Transport information

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

### 14.3. Transport hazard class(es)

#### DOT

Transport hazard class(es) (DOT) : Not applicable

### 14.4. Packing group

Packing group (DOT) : Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### DOT

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### 15.2. International regulations

No additional information available

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

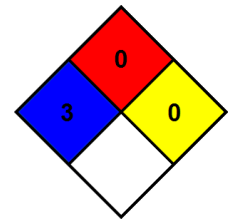
### SECTION 16: Other information

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#### Full text of H-phrases

H315	Causes skin irritation
H318	Causes serious eye damage

- NFPA health : 3 - Materials that, under emergency conditions, can cause serious hazard or permanent injury.
- NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
- NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Project Clean Inc. will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.