

ZymCLING Multi-Purpose Gel

SAFETY DATA SHEET

SECTION 1: Identification

1.1 GHS Product identifier

Product name ZymCLING Multi-Purpose Gel

1.4 Supplier's details

Name HOSPECO
Address 10966 Industrial Parkway
Bolivar OH 44612

Telephone 330-874-1017

1.5 Emergency phone number

US, Canada: 800-255-3924. International: +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 3

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)
H318

Causes serious eye damage

Precautionary statement(s)
P280
P305+P351+P338

P310

Wear eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor/...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Water

Concentration	> 75 - < 85 % (weight)
EC no.	231-791-2
CAS no.	7732-18-5

2. Bacteria Culture*

Concentration	> 2 - < 5 % (weight)
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3. Emulsifying Agent*

Concentration	> 2 - < 5 % (weight)
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- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2

H315	Causes skin irritation
H319	Causes serious eye irritation

4. Nonionic Surfactant*

Concentration	> 1 - < 4 % (weight)
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- Eye damage/irritation, Cat. 1
- Acute toxicity, oral, Cat. 4
- Hazardous to the aquatic environment, short-term (acute), Cat. 2

H302	Harmful if swallowed
H318	Causes serious eye damage
H401	Toxic to aquatic life

5. Fragrance*

Concentration	> 0 - < 1 % (weight)
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- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1
- Sensitization, skin, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 2

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H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H361	Suspected of damaging fertility or the unborn child [effect, route]

6. Opacifier*

Concentration > 0 - < 0.5 % (weight)

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.
In case of skin contact	In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if irritation or rash occurs. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before reuse.
In case of eye contact	Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation persists.
If swallowed	Do NOT induce vomiting without medical advice. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical, dry sand, water or limestone powder.

5.2 Specific hazards arising from the chemical

FD&C Blue No. 1: Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Sodium oxides

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate protective personal equipment for the situation and evacuate non-essential staff.

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6.2 Environmental precautions

Construct a dike to prevent material from entering public sewer system or any waterways.

6.3 Methods and materials for containment and cleaning up

Absorb with an inert absorbent. Place waste in an appropriate closed chemical waste container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed containers, in an area that is dry, well-ventilated, and away from incompatible materials.

SECTION 8: Exposure controls/personal protection

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Chemical safety glasses

Skin protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Respiratory protection

Not required for properly ventilated areas, if proper ventilation is not possible then use a respirator in accordance with the appropriate regulatory standards and/or industrial recommendations.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Appearance	Opaque viscous liquid
Color	Blue
Odor	Mint
Odor threshold	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	100 C / 212 F
Flammability	No data available
Lower and upper explosion limit/flammability limit	No data available
Flash point	>96 C / >205 F
Explosive properties	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	6.0-8.0
Kinematic viscosity	No data available
Solubility	As water
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	As Water
Evaporation rate	As Water
Density and/or relative density	1.01-1.06

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Relative vapor density

No data available

SECTION 10: Stability and reactivity

10.2 Chemical stability

This material is stable under normal handling and storage conditions described in Section 7.

10.5 Incompatible materials

Strong bases, Strong oxidizing agents

10.6 Hazardous decomposition products

Water: In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

May cause skin irritation

Serious eye damage/irritation

May cause eye irritation

Respiratory or skin sensitization

Can cause an allergic skin reaction

SECTION 12: Ecological information

Persistence and degradability

Biodegradable

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

Packaging disposal

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

SECTION 14: Transport information

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DOT (US)

UN Number:
Class:
Packing Group:
Proper Shipping Name:
Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:

IMDG

UN Number:
Class:
Packing Group:
EMS Number:
Proper Shipping Name:

IATA

UN Number:
Class:
Packing Group:
Proper Shipping Name:

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Flammable (gases, aerosols, liquid, or solids)
Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.

Massachusetts Right To Know Components

Acetic acid, pentyl ester, CAS 628-63-7
Benzene, CAS 71-43-2
D Limonene

New Jersey Right To Know Components

Benzoic acid, 2 hydroxy --, methyl ester, CAS number: 119-36-8
Eucalyptus globulus, CAS No. 84625-32-1
D Limonene

Pennsylvania Right To Know Components

Eucalyptus globulus, CAS No. 84625-32-1

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D Limonene
Acetic acid, pentyl ester, CAS 628-63-7
Benzene, CAS 71-43-2
1 Butan ol, 2 methyl --, 1 acetate, CAS 624-41-9
Methyl Salicylate, CAS 119-36-8
p Cymene, CAS 99-87-6
alpha Pinene, CAS 80-56-8
Benzoic acid, 2 hydroxy --, methyl ester, CAS number: 119-36-8

Canadian Domestic Substances List (DSL)

All components are listed on the Canadian DSL

Toxic Substances Control Act (TSCA) Inventory

All components are listed on the TSCA substance list

California Prop. 65 Components

WARNING:

This product can expose you to chemicals including Acetaldehyde, Ethylene Oxide, Benzene, which are known to the State of California to cause cancer, and Benzene, Ethylene Glycol, Ethylene Oxide, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Acetaldehyde (CAS 75-07-0) Listed: April 1, 1988

Ethylene oxide (CAS 75-21-8) Listed: July 1, 1987

California Proposition 65 - CRT: Listed date/Developmental toxin

Ethylene Glycol (CAS 107-21-1) Listed: June 19, 2015

Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8) Listed: February 27, 1987

California Proposition 65 - CRT: Listed date/Male reproductive toxin

Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

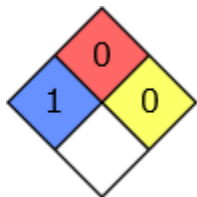
HMIS Rating

ZymCLING Multi-Purpose Gel	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating

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SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.