Safety Data Sheet
OxiGenesis Hyper-Concentrate Dilution: 5 oz/gallon

SECTION 1: Identification

1.1 GHS Product identifier

Product name	OxiGenesis Hyper-Concentrate Dilution: 5 oz/gallon
Product number	145 - Dilution

1.3 Recommended use of the chemical and restrictions on use

Cleaner. For professional users/industrial user only.

1.4 Supplier's details

Name	EnvirOx, LLC
Address	1938 E. Fairchild Street Danville IL 61832 USA
Telephone	(800)281-9604
email	regulatory@enviroxclean.com

1.5 Emergency phone number ChemTel 800-255-3924, +1-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	CAS no.	Concentration
Hydrogen peroxide	**7722-84-1**	**<= 2.5 % (weight)**
Benzenesulfonic acid, C10-16-alkyl derivs, compds with 2-propanamine	**68584-24-7**	**<= 2.5 % (weight)**

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.
In case of skin contact	Immediately rinse with water. If skin irritation continues, consult a doctor.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.
If swallowed	Rinse out mouth and then drink plenty of water. Do not induce vomiting. Call for medical help immediately

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water fog, foam, dry chemical powder, carbon dioxide (CO2)

5.2 Specific hazards arising from the chemical

Decomposition products include Carbon dioxide, carbon monoxide, and nitrogen oxides. During fire, gases hazardous to health may be formed.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Observe good industrial hygiene practices. Use care in handling/storage.

7.2 Conditions for safe storage, including any incompatibilities

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. Avoid freezing conditions. Avoid high temperatures. Do not exceed storage temperatures of 95°F. Best storage temperatures are between 35°F and 85°F. Overheating in storage may result in increased degradation of product, which will decrease product effectiveness. Keep concentrate away from incompatible materials.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

CAS: 7722-84-1

Hydrogen peroxide

Cal/OSHA (US): 1 ppm PEL inhalation;
NIOSH (US): 1 ppm REL inhalation;
US/OSHA (US): 1 ppm PEL inhalation; 1.4 mg/m3 PEL inhalation

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

Not required under normal conditions of use.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Color	Colorless
Odor	Characteristic
Odor threshold	Not applicable
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	No data available
Lower and upper explosion limit/flammability limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	2.65 +/- 0.5
Kinematic viscosity	No data available
Solubility	No data available

Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	No data available
Evaporation rate	No data available
Density and/or relative density	No data available
Relative vapor density	No data available
Particle characteristics	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Keep out of reach of children. Keep from freezing.

10.5 Incompatible materials

Hydrogen peroxide: Zinc, Powdered metals, Iron, Copper, Nickel, Brass, Iron and iron salts.

10.6 Hazardous decomposition products

Hydrogen peroxide: Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

Avoid prolonged contact with skin.

Serious eye damage/irritation

Avoid contact with eyes.

Respiratory or skin sensitization

Not a respiratory sensitizer.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity (STOT) - single exposure

Not Classified

Specific target organ toxicity (STOT) - repeated exposure

Not Classified

Aspiration hazard

Not an aspiration hazard

SECTION 12: Ecological information

Toxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available on product

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose of contents in accordance with local/regional/national regulations. Do not contaminate food or feed by storage, disposal or cleaning of equipment. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

SECTION 14: Transport information

The Dilutions are not to be shipped from end-user site.

SECTION 15: Regulatory information

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

Canadian Domestic Substances List (DSL)

Chemical name: Benzenesulfonic acid, C10-16-alkyl derivs., compds. with 2-propanamine
CAS number: 68584-24-7

Massachusetts Right To Know Components (105 CMR 670)

Chemical name: HYDROGEN PEROXIDE
CAS number: 7722-84-1

New Jersey Right To Know Components

Common name: HYDROGEN PEROXIDE
CAS number: 7722-84-1

Pennsylvania Right To Know Components

Chemical name: HYDROGEN PEROXIDE (CONC › 52 PERCENT)
CAS number: 7722-84-1

SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:
Hydrogen peroxide

SARA 311/312 Hazards

Reactivity Hazard, Acute Health Hazard, Chronic Health Hazard for: Hydrogen peroxide.

SARA 313 Components

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

US EPA TSCA public inventory

Chemical name: Hydrogen peroxide
CAS number: 7722-84-1
Chemical name: Benzenesulfonic acid, C10-16-alkyl derivs, compds with 2-propanamine
CAS number: 68584-24-7

HMIS Rating

Health	0
Flammability	0
Physical hazard	0
Personal protection	

NFPA Rating

Health hazard	0

Fire hazard	0
Reactivity hazard	0
Special hazard	

SECTION 16: Other information

16.1 Further information/disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.