



SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: EnviroX H2Orange2 Concentrate 117 (Heavy Duty Water Dilution –10 oz/gal and Light Duty Dilution-1 oz/gal)

EnviroX LLC P.O. Box 2327, 1938 E. Fairchild St., Danville, IL 61834-2327 USA Tel 1-217-442-8596

Product Number: 117 (EPA# 69268-2, in-use-dilutions)

Emergency Phone Number:
ChemTel Inc. 800-255-3924, +1-813-248-0585

Recommended use of the chemical and restrictions on use:
Cleaning agent/Cleaner, Sanitizer, Virucide

SECTION 2 –HAZARD(S) IDENTIFICATION

Manufacturer/Supplier:

Classification of the substance or mixture:

The product is not classified according to OSHA GHS regulations within the United States

Signal Word – Not Regulated.

Hazard statements: Not Regulated.

Precautionary statements: Not Regulated.

Other hazards: None

Ingredients with Unknown Acute Toxicity: None

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixture
components:

Ingredient	CAS Number	Percent
Hydrogen peroxide	7722-84-1	≤ 0.5
Orange oil	8008-57-9	≤ 0.5
Surfactants**	**	< 0.5

**Exact percentages and identities are withheld as trade secrets.

SECTION 4 - FIRST-AID MEASURES

Description of necessary measures:

After inhalation: Supply fresh air; consult Physician in case of complaints.

After skin contact: Rinse with warm water. If skin irritation occurs, consult a Physician.

After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a Physician.

After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No special measures required.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: This material is not flammable. Use fire fighting measures that suit the environment.

Unsuitable extinguishing media: None.

Special hazards arising from the substance or mixture: None.

Special protective equipment and precautions for fire-fighters: Wear self-contained respiratory protective device. Wear fully protective suit.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures: Wear gloves and safety glasses to clean-up large spills where splash may occur. Ensure adequate ventilation.

Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) or clean mop. Clean the affected area with care and rinse with water. Do not allow spilled material to mix with other products.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Ensure good ventilation/exhaustion to prevent formation of lingering aerosols if sprayed. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities: Ambient storage. Keep tightly closed in a cool, dry, well ventilated space. Avoid storage near extreme heat, or cold, protect from frost. Store away from foodstuffs.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters:

Component	OSHA PEL	ACGIH TLV	WEEL (USA)
CAS: 7722-84-1 hydrogen peroxide	1 ppm	1 ppm	

Appropriate engineering controls: utilize adequate ventilation to prevent lingering mists if sprayed.

Personal protective equipment: No special requirements under normal use conditions. when sprayed, direct nozzle away from user, keep mist out of breathing zone.

Respiratory protection: Not required under normal conditions of use. Avoid getting mist in face (breathing zone). Use suitable respiratory protective device when aerosol or lingering mist is formed in poorly ventilated area.

Protection of hands: none required under GHS.** Avoid prolonged skin contact. Recommended barrier gloves include rubber, butyl, neoprene, nitrile.

Eye protection: none required under GHS.** Avoid eye contact with mists. Safety glasses recommended, but not required.

Body protection: Not required.

**EnviroX recommends that barrier eye and hand protection be used when applying any cleaner, sanitizer, or disinfectant, but it is not required for the in-use dilution of this product under GHS (OSHA).

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form: Liquid Color: Clear
Odor:	Citrus
Odor threshold:	Not determined
pH value at 20 °C (68 °F):	6.5 ± 0.5
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	212 °F / 100 °C
Flash point:	Not applicable
Evaporation rate:	Not determined
Flammability (solid, gaseous):	Not applicable
Explosive Limits	Lower: Not Determined

Explosive Limits	Upper: Not Determined
Vapor pressure:	Not determined
Vapor density:	Not determined
Relative Density:	Not determined
Solubility:	Fully miscible
Partition coefficient (noctanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: No further information available.

Chemical stability: No decomposition if used and stored according to specifications.

Possibility of hazardous reactions: Reacts with strong acids. Reacts with reducing agents.

Conditions to avoid: No further relevant information available.

Incompatible materials: Do not mix with any other product or chemical unless specified in the use directions.

Hazardous decomposition products: none expected.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation: No irritant effect.

Ingestion: None under normal use.

Skin contact: No irritant effect.

Eye Contact: Slight irritant effect.

Symptoms related to the physical, chemical and toxicological characteristics: No further information available. **Delayed and immediate effects and also chronic effects from short and long term exposure:** At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Measures of toxicity: No further information available.

Carcinogenic categories:

NTP(National ToxicologyProgram):	None of the ingredients are listed.
----------------------------------	-------------------------------------

IARC (International Agency for Research on Cancer):	None of the ingredients are listed.
OSHA(Occupational Safety and Health Administration):	None of the ingredients are listed.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic toxicity: No further relevant information available.

Terrestrial toxicity: No further relevant information available.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Other adverse effects: No further relevant information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal methods: Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Contaminated packaging: Disposal must be made according to official regulations.

Recommended cleansing agents: Water only.

SECTION 14 - TRANSPORT INFORMATION

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

SECTION 15 - REGULATORY INFORMATION

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

United States (USA) SARA

Section 355 (extremely hazardous substances):	None of the ingredients are listed.
Section 313 (specific toxic chemical listings):	None of the ingredients are listed.
TSCA (Toxic Substances Control Act):	All ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer:	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females:	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males:	None of the ingredients are listed.
Chemicals known to cause developmental toxicity	None of the ingredients are listed.

Carcinogenic Categories:

EPA(Environmental Protection Agency):	None of the ingredients are listed.
---------------------------------------	-------------------------------------

Chemical safety assessment: A chemical safety assessment has not been carried out.

SECTION 16 - OTHER INFORMATION

Revision Date 03/13/2020-JD Rev. Sections: 1,6,7,8 and combined with 117-Light Duty SDS
05/11/2020-JD Rev. Section 8 -GHS notations.

Disclaimer: EnvirOx LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.