SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: EnvirOx H2Orange2 Concentrate 117 (Heavy Duty Water Dilution –10 oz/gal)

Product Number: 117

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

Manufacturer/Supplier:
EnvirOx LLC P.O. Box 2327, 1938 E. Fairchild St., Danville, IL 61834-2327 USA Tel 1-217-442-8596

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

SECTION 2 –HAZARD(S) IDENTIFICATION

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
Hazardous components:

Ingredient	CAS Number	Percent
Hydrogen peroxide	7722-84-1	<= 2.5
Orange oil	8008-57-9	<= 2.5

Exact percentages and identities are withheld as trade secrets.

SECTION 4 - FIRST-AID MEASURES

Description of necessary measures:
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Rinse with warm water. If skin irritation continues, consult a doctor.
After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
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: 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: Use respiratory protective device against the effects of fumes/dust/aerosol. Particular danger of slipping on leaked/spilled product. Wear protective clothing. 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). Clean the affected area carefully; suitable cleaners are: Warm water

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Conditions for safe storage, including any incompatibilities: Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store away from oxidizing agents. Store in cool, dry conditions in well sealed receptacles. Protect from frost.

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: No further information available.
Personal protective equipment:
Respiratory protection: Not required under normal conditions of use. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.
Protection of hands: Rubber gloves, Butyl rubber, Nitrile rubber, or Neoprene gloves
Eye protection: Safety glasses.
Body protection: Not required.

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: No further relevant information available.
Hazardous decomposition products: Possible in traces.

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 15 – February - 2016

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.