

## **SAFETY DATA SHEET**

#### **SECTION 1 - IDENTIFICATION**

Product Identifier: EnvirOx H2Orange2 Concentrate 117 (Light

Duty Water Dilution –1 oz/gal)

**Product Number: 117** 

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

Recommended use of the chemical and restrictions on use:

Cleaning agent / Cleaner

## **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: Not Regulated

## **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 in cool, dry conditions in well-sealed receptacles.

#### **SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Components with workplace control parameters: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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<br>Color: Clear |
|--------------------------------|------------------------------|
| Odor:                          | Citrus                       |
| Odor threshold:                | Not determined               |
| pH value at 20 °C (68 °F):     | 7.0 ± 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 irritating 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:

| caromogomo catogorico.                               |                                     |
|--|-------------------------------------|
| 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: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### **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 regulated.  |
| Packing group (DOT, IMDG, IATA):   | Not regulated.  |
| 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**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

HMIS: Health: 0 Fire: 0 Reactivity: 0

#### **SDS Preparation:**

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