# MATERIAL SAFET

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SECTION 1 -	PRODUCT	IDENTIFICAT	ION

022-0045

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B

HEALTH

FLAMMABILITY

REACTIVITY

PERSONAL PROTECTION

Product Name:

H<sub>2</sub>Orange<sub>2</sub> Concentrate 117

Product Use:

Multi Purpose Cleaner, Degreaser

WHMIS Class:

Not controlled

T.D.G. Classification:

Not Regulated

Manufacturer/Supplier:

EnvirOx LLC

Address:

P.O. Box 140

Georgetown, IL, 61846

Telephone:

217-662-2130

Emergency Phone: 1-217-431-5154

SECTION II - HAZARDOUS INGREDIENTS

Ingredients

CAS#

Wt%

ACGIH-TLV

LCso

LD30

None by WHMIS criteria.

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SECTION III - PHYSICAL DATA

Boiling Point (°C): 100

Vapour Pressure (mm Hg): Not available

Vapour Density (Air = 1): Not available

Solubility in Water: Complete

Physical State: Liquid

Appearance; Odour: Clear, citrus

Specific Gravity (H<sub>2</sub>O = 1): 1.02

% Volatile (Wt %): Not available

Evaporation Rate (Ether = 1): Not available

pH (100%): 3.6

Viscosity: Water thin

Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA 

Flammability: Not flammable by WHMIS criteria.

UEL: Not applicable

Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of nitrogen, oxides of Flash Point (°C, TCC): None

Autolgnition Temperature (°C): Not applicable

Means of Extinction: Dry chemical, carbon dioxide.

Special Fire Hazards: Firefighters should wear self-contained breathing apparatus. 

SECTION V - REACTIVITY DATA 

Conditions for Chemical Instability: Stable.

Incompatible Materials: Strong reducing agents.

Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of nitrogen, oxides

of sulphur when heated to decomposition,

### SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Ingestion.

#### EFFECTS OF ACUTE EXPOSURE:

Eye: May cause Irritation. Skin: May cause irritation.

Ingestion: May cause stomach distress, nausea or vomiting.

#### EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure may cause drying, defatting and dermetitis.

Irritancy: Non-hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available. Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

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SECTION VII- PREVENTATIVE MEASURES 

Gloves: Rubber gloves recommended.

Eye Protection: Safety glasses recommended.

Respiratory Protection: Not normally required if good ventilation is maintained.

Other Protective Equipment: As required by employer code.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be

absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal. Storage and Handling Requirements: Keep out of reach of children. Store in a closed container away from 

incompatible materials.

#### SECTION VIII - FIRST AID

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if

Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if imitation persists.

Inhalation: Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing. 

## SECTION IX - PREPARATION INFORMATION

MSDS Prepared by: Technical Service

2001/01/01 Date:

1-519-858-5021 Telephone:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards. In some cases data is not available and is so stated. Since conditions of actual product use are been made to ensure the discussion of product nexards, in serio cases dead in not available and in so believ, perce conducts a accusi product use and beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No outstands, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use warranty, expressed or implied, is made and supplier will not be flable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form, if user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-283-8466) or CSST in Montreal, Quebec (514-873-3990).