

01576-1004



Safety Data Sheet #115 Xtra Mild Citrus Thinner

SECTION 1. IDENTIFICATION

Product Identifier	#115 Xtra Mild Citrus Thinner
Other Means of Identification	Solvent
Recommended Use	Artist & Wood Finish Solvent
Initial Supplier Identifier	Eco-House Inc. PO Box 220 STN A. Fredericton, NB E3B 4Y9
Emergency Telephone Number	506-366-3529

SECTION 2. HAZARD IDENTIFICATION

GHS Classification: Flammable Liquid 4
Aspiration toxicant Category 1
Skin Irritation 2
Eye Irritation 2A



Signal word: **Danger**

Hazards

Combustible liquid. May cause skin irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves, eye and face protection. Wash hands thoroughly after handling. Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs, get medical attention/advice. If swallowed, immediately call poison control/doctor. Do NOT induce vomiting. Store in well ventilated place. Keep cool at room temperature. Keep away from children. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Acute Toxicity
Isoparaffinic Hydrocarbon	64742-48-9	79.00%	none
Isoparaffinic Hydrocarbon	64764-47-8	12.00%	none
Terpenes and terpenoids, food grade	68917-57-7, 8028-48-6	9.00%	none

SECTION 4. FIRST-AID MEASURES

Page | 1

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. For those providing assistance, avoid exposure to yourself and use adequate respiratory protection. If dizziness, nausea, or unconsciousness occurs, seek medical assistance.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 mins. If possible, remove contact lenses, if worn. If irritation persists, get medical attention.
Ingestion	If swallowed, do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call poison control or doctor.
Most Important Symptoms and Effects, Acute and Delayed	May cause respiratory tract irritation. May cause allergic skin reaction. May cause eye irritation. Symptoms may include discomfort or pain marked redness and swelling. May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.
Immediate Medical Attention and Special Treatment	Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media	
Suitable Extinguishing Media	Carbon dioxide. Foam. Dry powder.
Unsuitable Extinguishing Media	High volume water spray/ straight streams of water.
Specific Hazards Arising from the Product	Hazardous combustion products: smoke, fume, incomplete combustion products, oxides of carbon.
Special Protective Equipment and Precautions for Fire-Fighters	Fire fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Combustible. Keep upwind of fire and evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers, or drinking water supplies.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	In case of large spills, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800) 424-8802. Use special care to avoid static electric charges. Eliminate sources of ignition. Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
Methods for Containment and Cleaning Up	Scoop up material and place in disposal container. Provide ventilation.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Keep away from sources of ignition – No smoking. Avoid contact with skin and eyes. Avoid breathing dust/fumes/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using, do not eat, drink or smoke. Wash hands before doing so. Launder contaminated clothing before reuse. Proper grounding procedures to avoid static electricity should be followed.
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Conditions for Safe Storage

Keep out of reach of children. Keep container tightly closed and in a well-ventilated place at room temperature. Store locked up.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	Form	Limit/Standard		Source
Alkanes, C10-13-iso Terpenes & Terpenoids	vapor	RCP-TWA	400 mg/m ³ - 100 PPM	OSGA Z1
Alkanes, C10-13-iso Terpenes & Terpenoids	vapor	RCP-TWA	1200mg/m ³ – 171 PPM	Manufacturer

Note:

Appropriate Engineering Controls

Individual Protection Measures

Eye/Face Protection
Skin Protection

Respiratory Protection
Other

Limits, standard shown for guidance only. Follow applicable regulations.

Use ventilation adequate to keep exposures (air-borne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Wear eye protection, if contact is likely.

If contact with skin is likely or frequent, wear suitable gloves and/or suitable protective clothing.

In case of insufficient ventilation, wear suitable respiratory equipment.

Maintain levels below community environmental protection thresholds.

Do not eat, smoke, and drink where material is handled, processed or stored.

Wash hands carefully after handling. Handle according to established industrial hygiene and safety practices.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless liquid
Odour	Light citrus scent
Odour Threshold	No data available
pH	No data available
Melting Point and Freezing Point	No data available
Initial Boiling Point and Boiling Range	350.6-401°F
Flash Point	>142°F (62°C)
Evaporation Rate	< 1
Flammability (solid, gas)	Combustible
Upper and Lower Flammability or Explosive Limit	0.68 vol % and 5.47 vol %
Vapour Pressure	2.5 mmHg at 100.4°F
Vapour Density (air = 1)	0.77 at 77°F
Relative Density (water = 1)	
Solubility in Water	Insoluble
Solubility in Other Liquids	
Partition Coefficient, n-Octanol / Water (Log Kow)	
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	1.46 xSt at 100.4°F, kinematic

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Chemical Stability

Possibility of Hazardous Reactions

No dangerous reaction known under normal use. Stable under normal storage conditions. May form flammable/explosive vapor-air mixture if heated. No dangerous reaction known under normal use.

Page | 3

Conditions to Avoid
Incompatible Materials
Hazardous Decomposition Products

Heat. Incompatible materials. Sources of ignition.
Strong oxidizers.
May include and are not limited to: oxides of carbon. May release flammable gases.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Acute Toxicity: minimally toxic.

LC50 (vapor inhalation)
 Irritation No end point data for material
 LD50 (Ingestion)
 LD50 (dermal)

Skin Corrosion / Irritation
 Eye Damage / Irritation
 STOT (Specific Target Organ Toxicity) -
 Single Exposure
 Aspiration Hazard
 STOT (Specific Target Organ Toxicity) -
 Repeated Exposure
 Respiratory and/or Skin Sensitization
 Carcinogenicity: Data available

LC50 . 5000 mg/m3m. Minimally Toxic based on structurally similar materials. test(s) equivalent or similar to OECD Guideline 403.
 Negligible hazard at ambient/normal handling temperatures.
 >5000mg/kg Minimally Toxic based on structurally similar materials. test(s) equivalent or similar to OECD Guideline 403.
 >5000mg/kg. Minimally Toxic based on structurally similar materials. test(s) equivalent or similar to OECD Guideline 402.

May cause skin irritation.
 May cause mild, short-lasting discomfort to eyes.
 Based on available data, the classification criteria are not met.

May be fatal if swallowed and enters airways.
 Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met.
 Not expected to cause cancer based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453.

Reproductive Toxicity

Development of Offspring
 Sexual Function and Fertility
 Effects on or via Lactation
 Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.
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SECTION 12. ECOLOGICAL INFORMATION *(section heading must appear; all content is optional)*

Eco-toxicity	General: May cause long-term adverse effects in the aquatic environment.
Persistence and Degradability	Not established.
Bio accumulative Potential	Not established.
Mobility in Soil	No additional information available.
Other Adverse Effects	No additional information available.

SECTION 13. DISPOSAL CONSIDERATIONS *(section heading must appear; all content is optional)*

Disposal Methods This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.
 Handle empty containers with care because residual vapors are flammable and may explode. Do not attempt to clean container without proper instructions. Empty containers should be taken for recycling, recovery, or disposal in accordance with governmental regulations. Do not pressurise, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition.

SECTION 14. TRANSPORT INFORMATION

Not regulated for transport in less than bulk quantities. (> 1000kg, or in a container of 450 litre/119 Gallon by land, sea or air, in accordance with:

Dept. Of Transportation (DOT-USA), TDG (Canada-), Capacity for land: Dept. Of Transportation (DOT-USA), TDG (Canada-), note: as long as the material is not a hazardous waste or marine pollutant.

Sea (IMDG)
and air transport (IATA).

UN Number: 1268

Packing group: III

ERG Number: 128

Label(s): none

Transport doc name: UN1268, Petroleum Distillates, NOS, combustible liquid, pg III.

Special Precautions Do not handle until all safety precautions have been read and understood.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations US Federal regulations: All components of this product are listed or exempt on the United States Environmental Protection Agency Toxic substances control act (TSCA) inventory:

SECTION 16. OTHER INFORMATION

Date of Latest Revision Jan. 2017

File name: 115_SDS_US_2017