



# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### Product Identifier

**Product name:** Eco Concepts #10 Graffiti Remover, Eco Concepts Total Stain Remover

**Other means of identification:** EC10125, EC10750, EC101000, EC10RTU750

### Recommended use of the chemical and restrictions on use

**Recommended use:** Cleaning Agent

**Classification:** Not classified as dangerous goods.

### Details of manufacturer or importer

**Supplier:** Master Distributors – Eco Concepts.

**Address:** 31 Dunlop Road  
Mulgrave VIC 3170

**Telephone Number:** 03-9538-9200

**Fax number:** 03-9538-9299

**Email address:** sales@eco-concepts.com.au

**Emergency contact:** Telephone 03-9538-9200  
8:30am to 5:30pm EST Monday to Friday

## SECTION 2. HAZARDS IDENTIFICATION

This product is classified as hazardous according to NOHSC.

This product is not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

### **Globally Harmonised System**

#### **Hazard Categories:**

Acute toxicity	Category 5
Skin Corrosion/irritation category	Category 3
Serious eye damage/eye irritation	Category 1
Acute Aquatic hazard	Category 2

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**GHS Pictogram:**



**GHS Signal Word:**

**Danger**

**Hazard Statement:**

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H316	Causes mild skin irritation
H318	Causes serious eye damage
H333	May be harmful if inhaled
H401	Toxic to aquatic life

**Precautionary Statement - Prevention:**

P264	Wash skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statement - Response:**

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing if eye irritation persists: Get medical advice/attention.

SUSMP Classification:	None Allocated
ADG Classification:	Not allocated. Not a Dangerous Good
UN Number:	None Allocated

IF SWALLOWED: Call a POISON CENTRE or doctor physician if you feel unwell  
Rinse mouth.

**Precautionary Statements - Disposal:** Dispose of contents/container to an approved waste disposal plant

**Potential Health Effects**

Although not likely to cause problems, in some very sensitive individuals, the following may occur.

<b>Inhalation:</b>	Inhalation of product may cause respiratory irritation.
<b>Skin Contact:</b>	Symptoms may include redness, pain and swelling.
<b>Eye Contact:</b>	Symptoms may include pain, redness, swelling and tearing.
<b>Ingestion:</b>	Symptoms may include nausea, vomiting, pain and diarrhea.

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Other Hazards

Harmful to aquatic life with long lasting effects

### SECTION 3. COMPOSITION/INFORMATION ABOUT INGREDIENTS

Ingredients:	CAS Number	Weight- %	HNSO Approval #
Alcohols, C9-11, ethoxylated	68439-46-3	40- 60%	HSR003338
Dimethyl glutarate	1119-40-0	20 -40%	HSR003381
Dimethyl adipate	627-93-0	10 – 20%	HSR003467
Dimethyl succinat	106-65-0	10 – 20%	HSR003468

### SECTION 4. FIRST AID MEASURES

<b>General Advice:</b>	You should call the Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.
<b>Eye:</b>	<u>Immediately</u> flush with plenty of water for at least 15 minutes. Remove contact lenses. Hold eyelid open to insure complete washing. <u>Get Medical Attention.</u>
<b>Skin:</b>	Remove contaminated clothing. Wash skin thoroughly with water and water. Get medical attention if irritation persists.  Wash contaminated clothing before re-use.
<b>Inhalation:</b>	Move person to fresh air. Get medical attention if irritation persists.
<b>Ingestion:</b>	<b>DO NOT INDUCE</b> vomiting, unless advised by a physician or poison control centre. Get medical attention. Do not give anything by mouth to an unconscious person.
<b>Symptoms caused by exposure:</b>	May be harmful in contact with skin. Harmful if swallowed. Causes serious eye irritation.
<b>Medical attention and special treatment:</b>	Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

<b>Fire and Explosion:</b>	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
<b>Extinguishing Media:</b>	Not combustible. Use extinguishing media suited to burning materials.
<b>Fire Fighting:</b>	
<b>Flash point:</b>	Does not burn
<b>Upper Flammability Limit:</b>	Does not burn
<b>Lower Flammability Limit:</b>	Does not burn
<b>Auto-ignition temperature:</b>	Does not burn

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**Flammability Class:** Does not burn  
**Explosion data:** NA  
**Means of extinction:** Treat surrounding material

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective**

**Equipment and Emergency procedures:** As a minimum, wear overalls, goggles and gloves. No special recommendations for clothing materials.

**Environmental Precautions:** prevent spillage from entering drains or water courses. Stop leak if safe to do so, and contain spill.

See section 12 for additional Ecological information.

**Methods and materials for containment and cleaning up:**

Prevent further leakage or spillage if safe to do so.

**Methods for cleanup:**

Absorb onto sand, vermiculite or other suitable absorbent material. If spill too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up or shovel or collect recoverable product into labeled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing run-off from entering drains. If a significant quantity enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending clothing to laundry.

**Engineering controls:** General ventilation normally adequate.

**Accidental release:** Minor spills do not normally need special clean up measures.

## SECTION 7. HANDLING AND STORAGE

### **Precautions for safe handling**

**Advice on safe handling:** Keep exposure to this product to a minimum, and minimize quantities kept in work area. Wash face, hands, and any exposed skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wear eye/face protection.

### **Conditions for safe storage, including any incompatibilities**

**Storage Conditions:** Keep out of reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place away from incompatible materials.

**Incompatible Materials:** None known.

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## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

No exposure standards have been established.

**Exposure Guidelines:** This product as supplied does not contain any hazardous materials with occupational exposure limits.

### Appropriate engineering controls

**Engineering controls:** Showers. Eye wash stations.

### Individual protection measures, such as personal protective equipment

**Eye/Face protection:** Wearing of eye protection is recommended to prevent accidental contact with eyes.

**Skin and Body Protection:** Wear chemical protective gloves, example PVC.  
Wear safety footwear.

**Respiratory protection:** Not normally required if good ventilation is maintained

**General Hygiene and safety practice:** Handle in accordance with good industrial hygiene and safety practice. As in handling any detergent, wash thoroughly after use.

**Other protective equipment:** As required by employer and Worksafe regulations.

## 9. PHYSICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state** Colourless to slight yellow liquid

**Appearance:** Clear Amber

**Colour:** Amber

**Odour:** Bland

**Odour threshold** Not determined

Property	Values
pH	5.0 to 7.0
Melting Point/Freezing Point	Not determined
Boiling Point	Approximately 100°C at 100kPa
Flash Point	Not flammable
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not determined
Flammability Limits in Air	Not determined
Upper Flammability Limits	Not determined

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<b>Lower Flammability Limit</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Specific Gravity</b>	1.01± 0.02
<b>Relative Density</b>	Not determined
<b>Water Solubility</b>	Completely
<b>Solubility in other solvents</b>	Not determined
<b>Partition Coefficient</b>	Not determined
<b>Auto-ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidizing Properties</b>	Not determined

#### Other Information

### 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous reactions:</b>	None under normal processing
<b>Conditions to Avoid:</b>	Keep out of reach of children
<b>Incompatible materials:</b>	None known based on information supplied.
<b>Hazardous decomposition products:</b>	None known based on information supplied.
<b>Fire decomposition:</b>	Small quantities of carbon dioxide may be generated.
<b>Polymerisation:</b>	This product is unlikely to undergo polymerisation process.

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## 11. TOXICOLOGICAL INFORMATION

### Data on each ingredient

#### ALCOHOLS, C9-11, ETHOXYLATED

##### Acute Toxicity

Oral LD50 (Rat) 1378mg/kg

Dermal LD50 (Rabbit) >2000mg/kg

Skin corrosion/irritation	May be irritating to skin.
Eye damage/irritation	Causes serious eye damage. Contact with eye will cause stinging, blurring, tearing, server pain, possible burns, necrosis, permanent damage and blindness.
Respiratory or Skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration hazard	No data available

#### DIMETHYL GLUTARATE

##### Acute Toxicity

Oral: LD50 (rat) > 5000 mg/kg

Dermal: LD50(rat) > 2000 mg/kg

Inhalation: LC50(rat) > 11.0 mg/l/1 hr

Skin corrosion/irritation	No data available
Eye damage/irritation	May cause eye irritation.
Respiratory or Skin sensitization	Not a skin sensitizer
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration hazard	No data available

#### DIMETHYL ADIPATE

##### Acute Toxicity

Dermal LD50 (rabbit) >2500mg/kg

Skin corrosion/irritation	No data available
Eye damage/irritation	No data available
Respiratory or Skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available

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STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration hazard	No data available

### **DIMETHYL SUCCINATE**

#### Acute Toxicity

Dermal LD50 (rat) >2000 mg/kg

Skin corrosion/irritation	No data available
Eye damage/irritation	May cause eye irritation.

Respiratory or Skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration hazard	No data available

### **Information on physical, chemical and toxicological effects**

**Symptoms:** Please see section 4 of this SDS for symptoms

## **12. ECOLOGICAL INFORMATION**

**Toxicity** H402 Toxic to Aquatic Life

#### ALCOHOLS, C9-11, ETHOXYLATED

##### Acute Toxicity

Fish LC50:	1-10mg/L/96h
Daphnia EC50:	1-10 mg/L/48h
Algae EC50:	1-10 mg/L/72h

#### DIMETHYL GLUTARATE

Algae EC50:	7.186mg/L/96h
Fish LC50:	93.991mg/L/96h

#### DIMETHYL ADIPATE

Algae EC50:	4.351mg/L/96h
Fish LC50:	55.898mg/L/96h
Crustacea EC50:	72mg/L/48h

#### DIMETHYL SUCCINATE

Algae EC50:	11.917mg/L/96h
Fish LC50:	>50- <100mg/L/96h
Crustacea EC50:	>100mg/L/48h

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**Persistence and degradability**

ALCOHOLS, C9-11, ETHOXYLATED	Ready biodegradable
DIMETHYL GLUTARATE	Low persistence
DIMETHYL ADIPATE	Low persistence
DIMETHYL SUCCINATE	Low persistence

## Bioaccumulation Potential

ALCOHOLS, C9-11, ETHOXYLATED	Data not available
DIMETHYL GLUTARATE	LOW (LogKOW = 0.62)
DIMETHYL ADIPATE	LOW (LogKOW = 1.03)
DIMETHYL SUCCINATE	LOW (LogKOW = 0.35)

**Otherwise adverse effects**

No data available

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

This product is readily biodegradable into water and oxides of carbon.

**13. DISPOSAL CONSIDERATIONS**

Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. Please do not dispose into sewers or waterways.

**Waste Treatment Methods****Disposal of Wastes:**

Do not dispose into sewers or waterways. If unsure about any form of disposal contact local Waste Disposal Authority. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging:**

Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. Do not dispose into sewers or water ways. Disposal should be in accordance with applicable regional, national and local laws and regulations

**14. TRANSPORTATION INFORMATION**

**ADG Code:** Not classified as Dangerous Goods under the Australian Code for Transportation of Dangerous Goods by Road or Rail.

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## 15. REGULATORY INFORMATION

**AICS:** All of the ingredients in this formulation are to be found in the public AICS Database.

**New Zealand HSNO Category of overall product:** 6.1E, 6.3A, 8.3A, 9.1D

Ingredient HSNO's are in table below.

Hazardous Chemical	CAS#	Approval Number	Hazard Classifications
ALCOHOLS, C9-11, ETHOXYLATED:	68439-46-3	HSR003338	6.1D (All), 6.1D (O), 6.3A , 8.3A , 9.1D (A), 9.1D (All), 9.1D (C), 9.1D (F), 9.3C
DIMETHYL GLUTARATE	1119-40-0	HSR003381	6.4A , 9.1D (A), 9.1D (All), 9.1D (F)
DIMETHYL ADIPATE	627-93-0	HSR003467	6.1D (All), 6.1D (O), 9.3C
DIMETHYL SUCCINATE	106-65-0	HSR003468	3.1D , 6.4A , 9.1D (All), 9.1D (F)

**Warning statements:**

WARNING

**CAUTION** KEEP OUT OF REACH OF CHILDREN.

## 16. OTHER INFORMATION

**Disclaimer:**

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Master Distributors Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

**Effective date:**

2<sup>nd</sup> November 2017.

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