

MATERIAL SAFETY DATA SHEET



SECTION I - PRODUCT IDENTIFICATION

Product Name: SC 1 - All Purpose Cleaner & Degreaser
Product Code Number: 5179.0
Product Use: Cleaner Super Concentrate
WHMIS Class: Class D - Division 2B
DOT Classification: Not regulated as dangerous goods.
TDG Classification: Not regulated as dangerous goods.
Manufacturer/Supplier: ECO CONCEPTS, INC
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LEGEND HMIS/NFPA		Health	Flammability	Physical Hazard	Personal Protection
Severe	4	/	0	0	B
Serious	3				
Moderate	2				
Slight	1				
Minimal	0				



SECTION II - HAZARDOUS INGREDIENTS

Ingredient(s)	CAS #	Wt%	OSHA PELS	ACGIH-TLV	LC50	Oral LD50
Alcohols, C12-15, ethoxylated	68131-39-5	30 -40	Not established	Not established	5 mg/l rat	5000 mg/kg rat
Ethylene Glycol Monobutyl Ether	111-76-2	30 -40	TWA: 120 (Mg/m ³)	Not established	20,000 ppm Rat	500 mg/kg rat
Amides, coco, N-oxides	68155-09-9	5 - 15	Not established	Not established	Not available	1200 mg/kg rat
Ethanol	64-17-5	1 - 10	1000 ppm TWA	1000 ppm TWA	32,000 ppm rat	3450 mg/kg mouse

SECTION III - PHYSICAL DATA

Boiling Point:	170 °C	Specific Gravity:	0.96 @ 25°C (77°F) (H2O = 1)
Freezing Point:	-40 °C	Coefficient of Water/Oil Distribution:	Not available
Vapor Pressure:	Not available	% Volatile:	55%
Vapor Density:	Not available	Evaporation Rate:	Not available
Solubility in Water:	Miscible	pH:	6-8 (5%)
Physical State:	Liquid	Viscosity:	Same as water
Appearance:	Purple Liquid	Odor Threshold:	Not available
Odor:	Floral/Glycol		

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	Not flammable by WHMIS/OSHA criteria.		
Flash Point:	<140°F	LEL:	Not available
Hazardous Combustion Products:	May include and are not limited to: Oxides of carbon.		
Autoignition Temperature:	Not available		
Explosion Data:			
Sensitivity to Mechanical Impact:	Not available		
Sensitivity to Static Discharge:	Not available		
Means of Extinction:	Treat for surrounding material.		
Special Fire Hazards:	Firefighters should wear a self-contained breathing apparatus.		

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable under recommended storage conditions.
Incompatible Materials:	Strong acids. Strong bases.
Reactivity, and Under What Conditions:	Do not mix with other chemicals.
Hazardous Decomposition Products:	May include and are not limited to: Oxides of carbon when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: Causes irritation.
Skin: Causes irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Irritancy: Hazardous by WHMIS/OSHA criteria.
Respiratory Tract Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.
Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
Synergistic Materials: Not available

SECTION VII - PREVENTATIVE MEASURES

Gloves: Rubber gloves. Confirm with a reputable supplier first.
Eye Protection: Safety glasses
Respiratory Protection: Not normally required if good ventilation is maintained.
Other Protective Equipment: As required by employer code.
Engineering Controls: General ventilation normally adequate.
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, state/provincial, and local government requirements prior to disposal.
Handling Requirements: Use good industrial hygiene practices in handling this material. Wash hands before breaks and immediately after handling the product.
Storage 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 irritation persists.
Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
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

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Information contained herein 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 beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.