

ECO-SOLVE

By

STERLING-CLARK-LURTON CORP.

138438 Part# 080214
PAINT REMOVER, STRIP-KLEEN, QT
5604000 STERLING CLARK LURTON
CORP
Buyer: Bernard W. Aubuchon Jr.

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Date Prepared November 29, 2001
Product Number 0802
Medical Emergency Telephone Numbers
Mass Poison Info: 617-232-2120
Chemtrec 800-424-9300

MATERIAL SAFETY DATA SHEET

PRODUCT/ INGREDIENT

NO.	COMPOSITION	CAS NUMBER	PERCENT
P		Mixture	100
1	Dimethyl Glutarate	1119-40-0	18-30
2	1-Methyl-2-Pyrrolidinone	872-50-4	40-60
3	Dimethyl Adipate	627-93-0	4-10
4	Dimethyl Succinate	106-65-0	6-12

ACUTE TOXICITY DATA

NO.	ACUTE ORAL LD50	ACUTE DERMAL LD50	ACUTE INHALATION LC50
P	None Established		
1	8,191 MG/KG (Rat)	2,250 MG/KG (Rabbit)	11 MG/L (Rat)
2	4,200 MG/KG (Rat)	8,000 MG/KG (Rabbit)	No Evidence of toxic effects
3	8,191 MG/KG (Rat)	2,250 MG/KG (Rabbit)	11 MG/L (Rat)
4	8,191 MG/KG (Rat)	2,250 MG/KG (Rabbit)	11 MG/L (Rat)

****BASED ON EITHER PRODUCT OR ESSENTIALLY SIMILAR PRODUCT TESTING**

HEALTH INFORMATION

The health effects noted below are consistent with requirements under the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Eye Contact

Liquid is severe irritant to the eyes. No permanent damage

Skin Contact

Liquid is irritating to the skin. Prolonged or repeated liquid contact can result in defatting and drying of the skin which may result in skin irritation and severe dermatitis. E.G. Blisters, cracking, edema, redness

Inhalation

Vapors may cause irritation to nose, throat, and respiratory tract

Signs and Symptoms

Irritation as noted above, early to moderate CNS (Central Nervous System) Depression may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness and death may occur.

Aggravated Medical Conditions

Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product

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OCCUPATIONAL EXPOSURE LIMITS

NO.	PEL/TWA	OSHA	ACGIH	TLV/TWA	OTHER
		PEL/CEILING			TLV/STEL
P	None established			None established	
1	None established			None established	
2	100 PPM (EST)				
3	None established			None established	
4	None established			None established	

EMERGENCY AND FIRST AID PROCEDURES

Eye Contact

Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

Skin Contact

Remove contaminated clothing and shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

Inhalation

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing.

Ingestion

Do not induce vomiting. If vomiting occurs spontaneously, deep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

SUPPLEMENTAL HEALTH INFORMATION

Overexposure may cause blurring of vision

PHYSICAL DATA

Boiling Point: (DEG F) Not established	Specific Gravity: 1.06 (H2O=1)	Vapor Pressure: (MM HG) Not established
Melting Point: Not available (DEG F)	Solubility: (in water) Partial	Vapor Density: (Air-1) Not established
Evaporation Rate (N-Butyl Acetate=1) Not Established		
Appearance and Odor: Light Colored Liquid, Sweet Odor		

FIRE AND EXPLOSION HAZARDS

Flash Point and Method:
212°F SETA

Flammable Limits 1% Volume in Air
Lower: Not established
Upper:

Fire and Explosion

When heated above flash point, releases vapors. When mixed with air and exposed hazards to ignition source, vapors can burn in open or explode if confined. Vapors may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapor source. Fine sprays/mist may be combustible at temperatures below normal flash point.

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Extinguishing Media

Use water fog, foam, dry chemical or CO₂. DO NOT USE a direct stream of water. Product will float and can be reignited on surface of water

Special Fire Fighting Procedures and Precautions

Caution. Combustible. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup, which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

REACTIVITY

Stability: Stable Hazardous Polymerization: Will not occur

Conditions and Materials to Avoid

Avoid heat, flame and contact with strong oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide and unidentified organic compounds may be formed during combustion

EMPLOYEE PROTECTION

Respiratory Protection

Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits (SEC.IV) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere supplying respirator or an air-purifying respirator for organic vapors

OSHA has established transitional occupational exposure limits for this product and/or components of this product. Refer to 29 CFR 1910.1000 for these transitional limits and requirements for meeting these limits.

Protective Clothing

Avoid contact with eyes. Wear safety glasses or goggles as appropriate. Avoid prolonged or repeated contact with skin. Wear chemical resistant gloves and other clothing as required to minimize contact. Test data from published literature and/or glove and clothing manufacturers indicate the best protection is provided by nitrile material.

Additional Protective Measures

Air-Dry contaminated clothing in a well ventilated area then launder before reusing.

ENVIRONMENTAL PROTECTION

Spill or Leak Procedures

Caution. Combustible. *Large Spills*****Eliminate potential sources of ignition. Wear appropriate respirator and other protective clothing. Shut off source of leak only if safe to do so, dike and contain. Remove and vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material/ place in non-leaking containers and seal tightly for proper disposal. Flush area with water to remove trace residue; dispose of flush solution as above. *****Small Spills*****Take Up with an absorbent material and place in non leaking containers for proper disposal

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SPECIAL PRECAUTIONS

Keep liquid and vapor away from heat, sparks and flame. Surfaces that are sufficiently hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site; flash fire can result. Keep containers closed when not in use. Use with adequate ventilation.

Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers.

Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground transfer containers and equipment.

TRANSPORTATION REQUIREMENTS

Department of Transportation Classification

D.O.T. Proper Shipping Name
Not regulated

Other Requirements

OTHER REGULATORY CONTROLS

This product is listed on the EPA/TSCA inventory of chemical substances

In accordance with SARA Title III, Section 313, the EDS should always be copied and sent with the MSDS.

STATE REGULATORY INFORMATION

This information is being systematically repeated to our MSDS. It has previously been provided to you in various ways, including the MSDS. The new MSDS format is intended to provide the user with the information in a more convenient manner.

SPECIAL NOTES

The information contained herein is based on the data available to us and is believed to be correct. However, The occupational exposure limits (Section IV) and/or the respiratory protection precautions (Section X) have been revised.

SCL makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. SCL assumes no responsibility for injury from the use of the product described herein.