

Material Safety Data Sheet

CODE # 1

SECTION I

Product Name: **1-Step Chain Saver** Manuf./Distributor: **EMERALD 2000[®], Inc.**
Emergency No: **1-800-255-3924** **15155 Jacinto Port Blvd.**
For information only: **1-800-977-0061** **Houston, TX 77015**
Date Prepared: **March 05, 1996**
Revised: **March 15, 2003**

SECTION II - Hazardous Ingredients/Identity Information

	C. A.S. #	OSHA PEL	ACGD TLV	STEL
Severely Refined Petroleum Base	64742-54-7 or 64742-65-0	5mg/cm	N/A	10mg/cm
PTFE	N/D	N/D	N/D	N/D
Other Additives	N/D	N/D	N/D	N/D

HEALTH - 1 FIRE - 1 REACTIVITY - 0 PROTECTIVE EQUIPMENT - B

SECTION III - Physical/Chemical Characteristics

Boiling Point:	544°F	Pour Point:	-9°F
Fire Point (COC) :	370°F	Vapor Pressure (mm Hg):	<2
Flash Point (PMCC):	348°F	Vapor Density (AIR = 1):	>1
Specific Gravity:	0.865	Evaporation Rate (Butyl Acetate = 1):	<0.1
Appearance/ Odor:	Green/Lemon	Solubility in Water :	No
% Volatile by Volume:	Negligible from open container in 4 hrs @ 100°F (38°C)		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): **Pensky-Martens Close Cup**
Flammable Limits: **LEL - N/D UEL - N/D**
Extinguishing Media: **CO 2, D, y Chemical, Foam and Water Fog. No Water Jets.**
Special Fire Fighting Procedures: **Materials must be preheated prior to burn. Do not enter confined areas without full protective equipment, including a positive pressure NOISH approved self-contained breathing apparatus.**
Unusual Fire and Explosion Hazards: **None**

SECTION V - REACTIVITY DATA

Stability: Unstable : - Conditions to Avoid: Heat or Open Flame
 Stable: x
~~Hazardous Decomposition Byproducts:~~ ~~Smoke, fumes, oxides of carbon.~~
Incompatibility (Materials to Avoid): Strong oxidizers
Hazardous Polymerization: Will not occur.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin ?	Ingestion?
	No	Yes	Yes
Health Hazards (Acute and Chronic):	N/D		
Carcinogenicity:	NTP ?	IARC Monographs ?	OSHA Regulated ?
	No	No	No

No data regarding presence of carcinogenicity, tetragency, mutagenicity, respiratory toxicity, sensitizing ability, or synergistic substance.

Signs and Symptoms of Exposure:

Inhalation : No acute effects within exposure limits.

Skin: Repeated or prolonged exposure can cause irritation and dermatitis.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin disorders.

EMERGENCY AND FIRST AID PROCEDURE:

SKIN: Wash with soap and water. Remove contaminated clothing.

EYES: Flush with water for 15 minutes. See a physician immediately.

INHALATION: Remove to fresh air. If breathing is labored, administer oxygen. If problems persists see medical attention.

INGESTION: DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. See a physician immediately.

ADDITIONAL: Note of physician: Treat symptomatically.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Prevent entry into sewers and waterways. Pick up free liquid for recycling or disposal. Absorb small amounts on inert material for disposal. Ventilate area.

Waste Disposal Method: If disposed of, this material is believed to be non-hazardous.

Disposal should be in compliance with federal, state and local laws.

Precautions to Be Taken in Handling and Storing: Store in a cool, dry place.

Other Precautions: N/A

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): None required. **TYPE:** NIOSH approved, if needed.

Ventilation:	Local Exhaust : -	Special: -
	Mechanical Exhaust	Other
Protective Gloves: x	Eye Protection: x	
Apron: -	Rubber Boots: -	Face Shield : -

Work/Hygienic Practices: Avoid prolonged and repeated skin contact. DO NOT wear contaminated clothes. Launder before reusing or discard. Wash thoroughly with soap and water after handling.

SECTION IX - SHIPPING INFORMATION

DOT Label: Required - None Required: - x
Corrosive: - **Oxidizer:** - **Poison:** - **Flammable:** -

SECTION X - SPECIAL INFORMATION

- Not Determined