



MATERIAL SAFETY DATA SHEET

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Saw Blade Cleaner™

Manufacturer: FRANMAR CHEMICAL, INC.

10282 E. 1400 North Rd. Bloomington, IL 61705

Emergency Telephone Numbers:

(309) 828-2900

Section 2: COMPOSITION, INFORMATION OR INGREDIENTS

Ingredient Name	CAS Number	Percent
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The precise composition of this product is proprietary information. A more complete disclosure will be provided to a physician in the event of a medical emergency. Contains fatty acids C16-18

Section 3: HAZARD IDENTIFICATION

Emergency Overview

Routes of Entry

Ingestion.

Health Effects: Eyes

Moderate irritant to eyes.

Health Effects: Skin

Moderate irritant to skin.

Health Effects: Ingestion

N/A

Health Effects: Inhalation

Moderate irritant to respiratory system.

Medical Conditions Generally Aggravated By Exposure / Target Organs

None known.

Section 4: FIRST AID MEASURES

Eyes

Immediately flush eyes with running water for at least 15 minutes. Obtain medical aid.

Skin

Wash with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

Ingestion

Do not induce vomiting. Immediately call a physician.

Inhalation

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.

Section 5: FIRE FIGHTING MEASURES

Flash Point

146 °F

Flammable Limits

N/A

Extinguishing Media

CO2, Dry chemical, Foam.

Special Fire Fighting Procedures

Protective clothing and self-contained breathing apparatus should be worn when fires involve chemicals.

Unusual Fire & Explosion Hazards

Keep containers cool with water fog. Rags soaked with any solvent can present a fire hazard and should be stored in UL listed or factory mutual approved covered containers. Oxidation, under certain conditions can lead to spontaneous combustion. This product contains antioxidants to retard oxidation.

Section 6: ACCIDENTAL RELEASE MEASURES

Release or Spill

Soak up with suitable, non-reactive absorbent material. Collect into suitable containers for disposal.

Section 7: HANDLING AND STORAGE

Handling and Storage

None known.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment: Respiratory

None required for normal use.

Personal Protective Equipment: Eye / Face

Chemical splash goggles.

Personal Protective Equipment: Skin

Nitrile or Neoprene.

Protective Clothing or Equipment

As required.

Engineering Controls / Ventilation

Local exhaust preferred. Mechanical acceptable.

Work / Hygienic Practices

Practice reasonable care and cleanliness. Avoid prolonged breathing of vapors.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

pH:	5.4
Boiling Point:	350 °F
Vapor Pressure:	N/A
Vapor Density:	
Specific Gravity:	.920
Solubility In Water:	Miscible.
Appearance and Odor:	Pale orange, citrus odor.
Color:	
Freezing / Melting Point:	N/A
Evaporation Rate:	Less than 1 (n-butyl acetate=1)
VOC:	39.9%, 218g/l
Viscosity:	

Section 10: STABILITY AND REACTIVITY

Stability

Stable.

Conditions to Avoid

Extreme heat.

Hazardous Decomposition or By-Product

Strong oxidizers.

Hazardous Polymerization

Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Acute Data

Carcinogenicity

Not listed by NTP, IARC, OSHA.

Reproductive Effects

Target Organ Effects

Section 12: ECOLOGICAL INFORMATION

Environmental Fate

100% Biodegradable.

Environmental Effects

No adverse effects known or suspected.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of in accordance with all existing local, state and federal ordinances.

Section 14: TRANSPORT INFORMATION

UN Hazard Class

N/A

DOT Transportation Data

Citrus Stripper Oil, Class 65. Bulk - Combustible liquid, NA1993

NMF (National Motor Freight Classification)

NMFC - 144720

Proper Shipping Name

Terpene Hydrocarbon, N.O.S.

Identification Number

N/A

Packing Group

Packing group III.

Shipping Classification

N/A

DOT Classification

N/A

DOT Proper Shipping Name

Terpene Hydrocarbon, N.O.S.

Section 15: REGULATORY INFORMATION

Other Regulatory Requirements

Intl/Air Freight - Class 3, Flammable liquid (page 194 DGR)

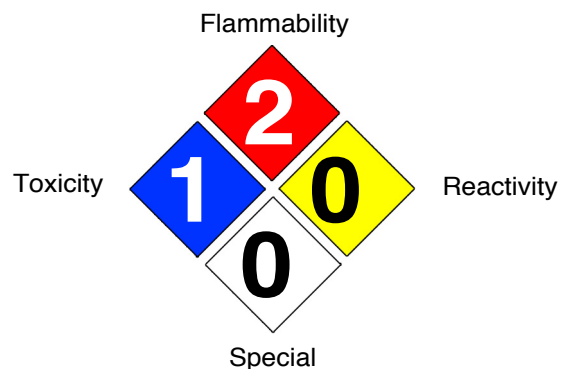
Listed in TSCA inventory.

Section 16: OTHER INFORMATION

Other Information

NFPA HAZARD RATING

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant



The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.