



MATERIAL SAFETY DATA SHEET

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: TOPAid Heavy Duty

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.

Section 3: HAZARD IDENTIFICATION

Emergency Overview

Routes of Entry

Inhalation, Skin, Ingestion, Eyes

Health Effects: Eyes

May cause eye irritation.

Health Effects: Skin

May cause skin irritation on repeated or prolonged contact.

Health Effects: Ingestion

May be harmful if swallowed.

Health Effects: Inhalation

Excessive inhalation of vapors may cause irritation to the upper respiratory tract.

Medical Conditions Generally Aggravated By Exposure / Target Organs

Preexisting respiration problems.

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 launder before reuse.

Ingestion

If swallowed in large amounts, immediately call a physician.

Inhalation

For excessive inhalation of vapors, remove patient to fresh air and call a physician.

Section 5: FIRE FIGHTING MEASURES

Flash Point

>210°F cc

Flammable Limits

N.E.

Extinguishing Media

Carbon dioxide, foam or dry chemical.

Special Fire Fighting Procedures

Self-contained breathing apparatus recommended.

Unusual Fire & Explosion Hazards

Guard against spontaneous combustion of improperly stored rags.

Section 6: ACCIDENTAL RELEASE MEASURES

Release or Spill

Wear protective clothing. Contain the spill. Return to suitable container. Hold for disposal.

Section 7: HANDLING AND STORAGE

Handling and Storage

Keep out of reach of children.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment: Respiratory

Normally not required. An approved self-contained breathing apparatus may be required for high vapor concentrations.

Personal Protective Equipment: Eye / Face

Chemical splash goggles.

Personal Protective Equipment: Skin

Impervious gloves.

Protective Clothing or Equipment

As required.

Engineering Controls / Ventilation

Local: Adequate Mechanical: Normally not required.

Work / Hygienic Practices

Avoid skin and eye contact. Avoid excessive breathing of vapors.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

pH: 8.30

Boiling Point: >212°F

Vapor Pressure: Not determined.

Vapor Density:

Specific Gravity: <1

Solubility In Water: Complete

Appearance and Odor: Clear, low viscosity liquid, mild butyl odor.

Color:

Freezing / Melting Point: N.E.

Evaporation Rate: <1

VOC:

Viscosity:

Section 10: STABILITY AND REACTIVITY

Stability

Stable

Conditions to Avoid

Strong oxidizing agents.

Hazardous Decomposition or By-Product

None known.

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

Environmental Effects

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal

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

Section 14: TRANSPORT INFORMATION

UN Hazard Class

DOT Transportation Data

NMF *(National Motor Freight Classification)*

Proper Shipping Name

Identification Number

Packing Group

Shipping Classification

DOT Classification

DOT Proper Shipping Name

Section 15: REGULATORY INFORMATION

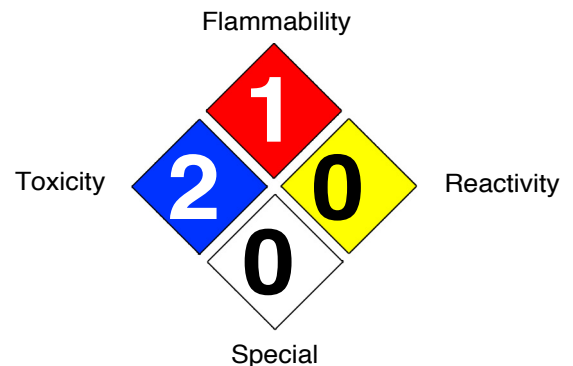
Other Regulatory Requirements

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.