

Material Safety Data Sheet

SECTION I - MANUFACTURER'S INFORMATION

Manufacturer's Name: Guardian-IPCO, Inc.
6606 Cahaba Valley Road
Birmingham, AL 35242

Emergency Telephone Number: 205/991-5316

Chemical Name and Synonyms: N/A

Trade Name and Synonyms: GI #746 Steamline Treatment

Chemical Family: Blend

SECTION II - HAZARDOUS INGREDIENTS: Listed below: X
Not applicable:

<u>Component</u>	<u>Percentage</u>	<u>CAS NO.</u>
N, N-Diethylethanolamine	> 1%	100-37-8
Cyclohexylamine	> 1%	108-91-8

SECTION III - PHYSICAL DATA

Boiling Point (Fahrenheit): Not established Specific Gravity: 0.99
Vapor Pressure (mm Hg): Not established Percent Volatile by Volume: 13.5 %
Vapor Density (Air=1): Not established Solubility in Water: Complete
Appearance and Odor: Clear colorless liquid; amine odor

SECTION IV: - FIRE & EXPLOSION DATA: Listed below: X
Not applicable:

Flash Point (Method Used): 50° C; closed cup
Flammable Limits: Lel: Not established Uel: Not established
Extinguishing Media: Alcohol foam, carbon dioxide, dry chemicals
Special Fire Fighting Procedures & Unusual Fire and Explosion Hazards:
Water may be ineffective on flames but should be used to cool fire exposed containers. Use self-contained breathing apparatus while fighting fire.

SECTION V: - HEALTH HAZARD DATA: Listed below: X
Not applicable:

Threshold Limit Value: Not established TXDS: Not established

Effects of Overexposure:

Eyes: Destructive to eye tissues on contact. Will cause severe burns that result in damage to the eyes and even blindness.
Skin: Can cause severe burns. Can be absorbed in toxic quantities.
Ingestion: Can cause gastrointestinal irritation or distress. Can cause nausea, vomiting, abdominal pain or collapse.
Inhalation: Causes nausea and vomiting. May cause irritation of upper respiratory tract.

Emergency and First Aid Procedures:

Eyes: Flush with water 15 minutes with large quantities of water even if minute quantities enter the eyes. Seek medical attention.
Skin: Wash skin with large quantities of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.
Ingestion: **Do not induce vomiting.** Give large quantities of water. Seek medical attention.
Inhalation: Remove person from exposure area. Seek medical attention.

SECTION VI: - REACTIVITY DATA

Stability: Stable: X Unstable:
Incompatibility (Materials to avoid): Strong acids, oxidizing agents

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide

SECTION VII: - SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Eliminate all ignition sources. Ventilate area. Contain spill. Remove with inert absorbent.

Waste Disposal Method: Follow all local, state, and federal regulations.

SECTION VIII: - SPECIAL PROTECTION INFORMATION

Respiratory Protection: May be necessary in closed areas.

Ventilation: Adequate

Local exhaust: Recommended

Special: N/A

Mechanical: N/A

Other: N/A

Protective Gloves: Rubber

Eye Protection: Chemical splash goggles and face shield.

Other Protective Equipment: Rubber apron and safety boots. Eye bath and safety shower should be provided.

SECTION IX: - SPECIAL PRECAUTIONS: Store drums in a cool, dry area. Keep containers closed when not in use.

This Material Safety Data Sheet has been prepared in accordance with 29 CFR Part 1910.1200. It contains information that we believe to be true and complete at the date of preparation. However, no warranty is expressed or implied. Advice given under "Waste Disposal" assumes compliance with Federal, State and Local regulations regarding the disposal of hazardous waste. Any use of this product or method of application which is not described in the Product Data Sheet is the responsibility of the user.

Prepared by Jay Mullis/Cindy Davidson, Chemist, January 96