MATERIAL SAFETY DATA SHEET
OSHA “Hazard Communication” (29 CFR 1910.1200) B1092 - 1 (Kit) pg. 2

SECTION I—MANUFACTURER AND PRODUCT

Section Dickinson Microbiology Systems
50 Schilling Circle
Cockeysville, Maryland 21030
Telephone For Information: (301) 771-0100
For Emergency: (301) 584-7169

Product Name and Catalog Number
Gram Decolorization Solution
Catalog #12295, 12300, 12297

SECTION II—HAZARDOUS INGREDIENTS

Hazardous Chemical Name

Exposure Limit, Toxicity Data
TLV: 1000 ppm, PEL: 1000 ppm,

CAS Number

Acetone

75

Carcinogenicity: Not listed by NTP, IARC or OSHA

Exposure and Symptoms of Exposure

Eye: stinging or burning sensation

Skin: tingling or burning sensation

Health Hazards:

Eyes: exposure may cause irritation, liquid may cause eye damage

Skin: irritation - may irritate respiratory tract

Medical Conditions Aggravated by Exposure: Not Determined

Emergency First Aid Measures

Eyes: flush with water for 15 minutes. If irritation persists, seek medical attention. Skin: flush exposed skin with running water for 15 minutes. Ingestion: give victim milk or water. Contact a Poison Control Center

SECTION III—PHYSICAL DATA

Product Component | Boiling Point °C | Flash Point °C | Vap. Press [mm Hg] | L.E.D. Concentration | Product Appearance and Odor
--- | --- | --- | --- | --- | ---
Ethanol | 78.3 | 44 | 4 | 1.6 | Clear colorless liquid with odor typical of ethanol.
Acetone | 56.0 | 100 | 2.0 | 0.3 |


SECTION IV—FIRE AND EXPLOSION HAZARD DATA

Mixtures Component | Flash Point [Method] | Flammability Limit [%] | Extinguishing Media | Special Fire Fighting Procedures or Unusual Fire Explosion Hazards
--- | --- | --- | --- | ---
Ethanol | 50.6° F (TCC) | 1.3 | 19.0 | Dry Chemical, 
Carbon Dioxide, 
Limited Foam, 
Water Sprays | Product is a flammable liquid and should not be exposed to heat or ignition sources. Fire should be extinguished using a blanketing technique when necessary.
Acetone | 
-4° F | 2.8 | 12.8 | Dry Chemical, 
Carbon Dioxide, 
Limited Foam, 
Water Sprays |

SECTION V—HEALTH HAZARD DATA

Component | Route of Entry | Ingestion | Skin | Inhalation | Sensitization | Carcinogenicity
--- | --- | --- | --- | --- | --- | ---

Ethanol | Routes of Entry: Ingestion | Skin | Inhalation | Sensitization | Carcinogenicity: Not listed by NTP, IARC, or OSHA | Medical Conditions Aggravated by Exposure: Not Determined

SECTION VI—REACTIVITY DATA

Product Component | Stable | Unstable | Conditions to Avoid | Incompatibility | Hazardous Polymerization
--- | --- | --- | --- | --- | ---
Ethanol | | | | | Will not occur.
Acetone | | | | | Will not occur.

SECTION VII—SPILL OR LEAK PROCEDURES

Spills:

Absorb small spills on paper towels. Evaporate to dryness in fume hood. Dispose of with lab trash after paper towels have dried.

Waste Disposal:

Waste material can be burned in a suitable incinerator or disposed of by a permitted hazardous waste disposal company. Follow all Federal, State, and local regulations.

SECTION VIII—SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required under normal product usage. Ventilation: General and local to meet TLV requirements. When product is used as directed, exposure limit is not expected to reach the TLV.

Protective Gloves: Not required under normal product usage.

Eye Protection: Safety glasses, eyewash stations should be available. Other Protective Equipment: Not required under normal product usage.

SECTION IX—SPECIAL PRECAUTIONS/COMMENTS

This is stable material in closed containers at room temperature under normal storage and handling conditions. (OSHA class 1B flammable liquid).

Date of Preparation: [2/11/41]

By: [Signature]

DISCLAIMER

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Date M. S.