QUICK IDENTIFIER

 As used in label and list

 G-1000 Green Fluid



**SAFETY DATA SHEET**

 **COMMON NAME** **PRODUCT MODEL NUMBER**

**SECTION I PRODUCT & COMPANY IDENTIFICATION**

G-1000 green indicating fluid G-1000

**PRODUCT FILE NUMBER**  **PRODUCT USE**

920:405-922WA-10 Indicating Fluid

**MANUFACTURER’S NAME** **EMERGENCY PHONE NUMBER**

Alta Robbins, Inc. 801-785-1114

**ADDRESS DATE PREPARED**

110 South 1200 West 01-01-2017

 **CITY, STATE, ZIP**

 Lindon, Utah 84042

**SECTION II HAZARDS IDENTIFICATION**

**Classification: This material is considered hazardous by the OSHA Hazard Communication Standard**

**Signal Word:**

**WARNING!**

 **Hazard Statements:**

 **Harmful if swallowed**

 **Causes serious eye irritation**



**PRECAUTIONARY STATEMENTS**

 **APPERANCE: Green liquid**

**Warning!** May cause eye irritation and possible injury. May be harmful if swallowed. May cause skin irritation and possible burns.

**POTENTIAL HEATH EFFECTS:**

**ACUTE**

**EYES:** Based on presence of component 2, product is moderately to severely irritating to the eyes. Vapors can cause severe eye irritation.

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**SKIN CONTACT:** Based on the presence of component 1, brief contact with undiluted material may cause slight reddening. More prolonged contact, as with, chemical saturated clothing, may cause moderate reddening, swelling, and possible damage to the skin. Frequent contact may result in the absorption of potentially harmful amounts. Signs and symptoms of toxicity are similar to those of ingestion.

**INGESTION:** Based on component 2, if swallowed has the potential of causing severe illness or death. Intoxication appears in stages. The first is a feeling of drunkenness without smell of alcohol on the breath. Nausea, vomiting, and eye symptoms may occur. Subsequently, rapid breathing, increased heart rate and decreased urination frequency may be experienced.

**SIGNS AND SYMPTOMS OF EXPOSURE:** Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness and death may occur. Kidney damage may be evidenced by changes in urine output, urine appearance or edema (swelling from fluid retention). Liver damage may be evidenced by loss of appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the right side.

**CHRONIC**

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product. Impaired kidney and liver functions from preexisting disorders may be aggravated by exposure to this product.

**SECTION III COMPOSITION/INFORMATION ON INGREDIENTS**

1. **Chemical Name**: Butyl Cellosolve 2. **Chemical Name**: Ethylene Glycol \*

 **CAS No**: 111-76-2 **CAS No**: 107-21-1

 **OSHA/PEL**: 50 ppm (air) **OSHA/PEL:** NE

 **ACGIH/TVL**: 50 ppm (air) **ACGIH/TVL:** 50 ppm (TWA)

 **%:** 6.7 20 mg/M3 (STEL)

 **%:** 1.3

 3**. Chemical Name**: Aerosol OT Solution 4**. Chemical Name**: Green Dye

 **CAS No**: 577-11-7 **CAS No**: 518-47-8

 **OSHA/PEL**: NA **OSHA/PEL**: NA

 **ACGIH/TVL**: NA **ACGIH/TVL**: NA

 **%**: 0.3 **%:** Trace

 5. **Chemical Name:** Green Dye

 **CAS No**: 19381-50-1

 **OSHA/PEL**: NA

 **ACGIH/TVL**: NA

 **%**: Trace

This product also contains 92.0% distilled water (CAS 7732-18-5) and a trace of Sodium Bicarbonate (CAS 144558).

Bicarbonate (CAS 144558).

\* This component is listed as a SARA title III section 313 toxic chemical

**SECTION IV FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention

**SKIN:** Remove contaminated clothing and flush skin with water. If irritation occurs, get medical attention.

**INGESTION:** If conscious, give two glasses of water and induce vomiting by giving 30cc (2 tablespoons) Syrup of Ipecac. If Ipecac is unavailable induce vomiting by touching finger to back of victim’s throat. Keep victim’s head below hips while vomiting. Take immediately to the hospital.

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**INHALATION:** Due to high boiling point, inhalation is not normally a problem. Remove to fresh air.

 **FLASH POINT METHOD USED FLAMMABLE LIMITS (in Air % by Vol.) LEL UEL**

**SECTION V FIRE FIGHTING MEASURES**

Non Flashing N/A N/A NA NA

**AUTO-IGNITION TEMPERATURE EXTINGUISHER MEDIA**

N/A CO2, Dry Chemical

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

None

**SECTION VI ACCIDENTAL RELEASE MEASURES**

**RESPONSE TO SMALL SPILLS:**

Flush with water and clean up with absorbent material. Dispose of properly.

**WASTE DISPOSAL:**

Place in an appropriate disposal facility in compliance with Federal, State, and local regulations.

**SECTION VII HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Skin and eye contact should be avoided as good industrial practice. Wearing of protective gloves and eye protection is recommended. Wash hands and contaminated skin area after handling. Follow all warnings and precautions even after container is emptied. Wash thoroughly after handling or at the end of the shift.

**OTHER PRECAUTIONS:** Store in cool dry place away from strong oxidizers and acids. Keep container tightly closed when not in use. All handling equipment should be properly grounded to prevent the build-up of electrostatic charges. Storage area should be equipped with CO2 system. Handle in accordance with good industrial hygiene and safety practices.

**SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION**

 **RESPIRATORY PROTECTION**

Not typically required. If exposure exceeds permissible exposure limits wear a self-contained breathing apparatus in compliance with NIOSH/MSHA specifications. Comply with 29CFR 1910.134

**VENTILATION**

General (mechanical) room ventilation is generally satisfactory. Special, local ventilation may be needed at points where vapors can be expected to exceed exposure limits.

**PROTECTIVE GLOVES**

For the best protection wear nitrile, neoprene, PVC or natural rubber gloves.

**EYE PROTECTION**

Wear chemical goggles if there is likelihood of contact with eyes.

**ADDITIONAL PROTECTIVE CLOTHING OR EQUIPMENT**

Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Eye wash fountains and safety showers should be available for emergency use.

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**SECTION IX PHYSICAL & CHEMICAL PROPERTIES**

 **BOILING POINT PRESSURE** (mmHg) **SPECIFIC GRAVITY (H2o=1)** **VAPOR**

 310ºF 1.0 @ 20ºC 20

 **VAPOR DENSITY (AIR=1)**  **SOLUBILITY IN WATER** **REACTIVITY IN WATER**

 <1 Completely miscible 0

 **EVAPORATION RATE** **MELTING POINT**  **PH**

 NA NA NA

 **APPEARANCE & ODOR** **V.O.C.**

 Green, Odorless 739g/L

**SECTION X STABILITY AND REACTIVITY**

 **STABILITY CONDITION TO AVOID**

 Stable NA

 **INCOMPATIBILITY (Materials to Avoid)**

 Oxidizing agents and alkalies

 **HAZARDOUS DECOMPOSITION PRODUCTS**

 Carbon monoxide and undefined organic compounds may be formed during combustion.

 **HAZARDOUS POLYMERIZATION** **CONDITIONS TO AVOID**

 Will not occur NA

**SECTION XI TOXICOLOGICAL INFORMATION**

Acute Effects: **Inhalation**: High vapor concentrations may cause irritation of the upper respiratory tract and

 dyspnea.

 **Skin Contact:** May cause irritation.

Chronic Effects: **Inhalation:** Repeated or prolonged exposures would be expected to cause irritation of the respiratory tract and narcosis. May cause liver and kidney damage as well as hemolysis.

 **Skin Contact:** Produces skin irritation upon prolonged or repeated exposures.

**Chemical Listed as Carcinogen or Potential Carcinogen**

**National Toxicology Program** **I.A.R.C. Monographs** **OSHA**

NO NO NO

**SECTION XII ECOLOGICAL INFORMATION**

**Ecotoxicity:** No data available. No information available.

**Environmental:** No data available. No information available.

**Physical:** No Information available.

**Other:** No information available.

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**SECTION XIII DISPOSAL CONSIDERATIONS**

Disposal: Dispose of all cleanup materials in accordance with all Local, State, and Federal regulations Proper Shipping Name: Not Regulated

**SECTION XIV TRANSPORT INFORMATION**

Hazard Class or Division: 3

Identification Number: NA1993

Packing Group III

**SECTION XV REGULATORY INFORMATION**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements.

**SARA Section 302 Extremely Hazardous Substances (EHS**): This product does not contain any components regulated under Section 302 (40 CFR 355) as Extremely Hazardous Substances.

**SARA Section 304 CERCLA Hazardous Substances:** This product does not contain any components regulated under section 304 (40 CFR 370) as hazardous chemicals for emergency release.

**SARA Section 311/312 Hazard Communication Standard (HCIS):** This product is regulated under Section 311/312 HCS (40 CFR 370) as:

 Delayed health hazard

 Fire Hazard

 Immediate Health Hazard

**SARA Section 313 Toxic Chemical List (TCL):** This product contains Glycol Ether.

**Clear Water Act CWA- Priority Pollutants**: Not Provided

**STATE REGULATIONS**: California Proposition 65: Not Provided

**INTERNATIONAL REGULATIONS**: NOT PROVIDED

**SECTION XVI OTHER INFORMATION**

- THIS PRODUCT IS FOR INDUSTRIAL AND LABORATORY USE ONLY, KEEP AWAY FROM CHILDREN.

- Do not store in open, unlabeled or mislabeled containers.

- Keep away from flames and high temperatures.

- For personal hygiene protection, employees should wash thoroughly after handling product. Always wash before eating and using toilet facilities.

- HMIS rating HEALTH - 2 FLAMMABILITY - 0 REACTIVITY – 1

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