Material Safety Data Sheet

PRODUCT NAME: Sprayolo

PRODUCT CODE: Fluorescent Pink, Green, Blue, Orange, Purple

HMIS Codes

H	F	R	P
1	2	0	X

DOT Labeling: None

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACURER'S NAME: MAE Inc
ADDRESS: 401 Main Street Box 141 Royal, IA 51357
EMERGENCY PHONE: 800-424-9300
INFORMATION PHONE: 1-712-262-7354
DATE REVISED: 1/14
FAX: 1-712-933-2780 EMAIL: mae@royaltelco.net

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

OCCUPATIONAL EXPOSURE LIMITS

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	VAPOR PRESSURE HG@ TEMP	WEIGHT PERCENT
Isopropyl Alcohol (24%)	67-63-0	400 ppm	400ppm		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 180 F SPECIFIC GRAVITY (H20=1): .97 VAPOR DENSITY: Heavier than Air
EVAPORATION RATE: Slower than Ether MATERIAL V.O.C.: N/A SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: Colored liquid, mild alcohol odor 50% Odor Recognition Threshold is 7.5 ppm

SECTION IV - FIRE AND EXPOSION HAZARD DATA

FLASH POINT: 100 F METHOD USED: (Closed Cup) FLAMMABLE LIMITS IN AIR BY VOLUME-Lower: 2% Upper: 12%
SPECIAL FIREFIGHTING PROCEDURES: Combustible. Clear area of unprotected personnel. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots) including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.
EXTINGUISHING MEDIA: Alcohol Foam, C02, Dry Chemical, Water Fog
UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers exposed to intense heat from fire should be cooled with water to prevent vapor build-up and container rupture. Hydrogen gas may be generated by the reaction of fluorescent pink on some metals.

SECTION V - REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: Avoid flame. Do not store or handle in aluminum equipment above 120 Deg F.
INCOMPATIBILITY (MATERIALS TO AVOID): Flame and contact with strong oxidizing agents, hydroxides, and oxides.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, C02 and unidentified organic compounds may be formed during combustion.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

HEALTH HAZARDS (ACUTE AND CHRONIC) & SYMPTOMS OF EXPOSURE:

Eyes: Liquid could produce moderate irritation.
Skin: Liquid could produce some irritation depending on length of exposure.
Inhalation: May irritate the nose. throat and respiratory tract.
Ingestion: Do not ingest. Irritating to the gastrointestinal tract causing abdominal pain and vomiting. Ingestion may result in low blood pressure, rapid heartbeat and Central Nervous System (CNS) depression evidenced by giddiness, headache, dizziness and nausea.

CARCINOGENICITY: NTP? Yes IARC MONOGRAPHS? No OSHA REGULATED? Yes
A component of the fluorescent pink and purple determined in a lifetime feeding study to rats and mice.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting eye, skin and respiratory disorders.
EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Move to fresh air. If breathing is difficult provide oxygen. Obtain medical attention.
Ingestion: Do not give liquids to victim if unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting by giving 30cc (2 Tablespoons) Syrup of Ipecac.** If Ipecac is unavailable, give 2 glasses of water and induce vomiting by touching finger to back of victim's throat. Keep victim's head below hips while vomiting. Get medical attention. Note to Physician: **If victim is a child, give no more than 1 glass of water and 15cc (1 Tablespoon) Syrup of Ipecac. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis; gastric lavage should be considered with a cuffed endotracheal tube.
Eye Contact: Wash with flowing water for at least 15 minutes. Get medical attention.
Skin Contact: Wash affected skin area with soap and water. Remove contaminated clothing and launder before re-use.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Combustible. Spills should be contained, solidified and placed in suitable containers for proper disposal.
WASTE DISPOSAL METHOD: Empty containers may be land filled at a licensed facility.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use under well ventilated conditions. For personal protection, we recommend washing thoroughly after handling product.. OTHER PRECAUTIONS: None

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION & VENTILATION: Use only in a well ventilated area.
PROTECTIVE GLOVES: Wear impervious gloves as a standard procedure when handling this material.
EYE PROTECTION: Safety glasses, face shield or splash-proof goggles should be worn during pouring or dispensing.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear protective clothing to prevent skin contact.
WORK HYGIENIC PRACTICES: Use good industrial practices when handling this material. Wash thoroughly after use.

SECTION IX-TRANSPORTATION REQUIREMENTS

Exempt from Hazardous Material Regulations. Based upon an evaluation of requirements of 49 CFR 172 and 173.

SECTION X - DISCLAIMER

The opinions expressed herein are those of qualified experts within MAE Inc and the dye manufacturer. We believe that the information contained here is current as of the date of this material safety data sheet. Since the use of this product is not within the control of MAE Inc, it is the user's obligation to determine a safe end use of this product.