

EMS CATALOG NO: 17920
EMS PRODUCT: Light Green SF
Yellowish
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MATERIAL SAFETY DATA SHEET

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FOR PRODUCT AND SALES INFORMATION

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HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

PRODUCT NAME: Light Green SF Yellowish
FORMULA: $C_{37}H_{34}N_2Na_2O_9S_3$
CAS NUMBER: 05141-20-8
NIOSH/RTECS NO: BQ4900000
COMMON SYNONYMS: C.I. 42095; Acid Brilliant Green 5
TOXICITY: LD50 (IV-mouse) (mg/kg) 700 Light green is a suspected carcinogen. Avoid all routes of exposure!
RTECS NO:
CAS# 5141-20-8: BQ4900000
LD50/LC50:
CAS# 5141-20-8: ORAL, RAT: LD50=>2GM/KG;<BR

SYNONYMS: Ethanoic Acid; Methane Carboxyl Acid; ethylic Acid

(TLV/TWA) 25mg/M ³ (10ppm)	Toxicity: LD50 (oral-rat) (mg/kg) - 3310
(STEL) 37mg/M ³ (15ppm)	LD50 (IV-mouse)(mg/Kg)- 525
(PEL) 25mg/M ³ (10ppm)	LD50 (skn-rbt)(mg/kg) - 1060
	LD50 (inhl-mouse)(ppm) - 5620

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	N/A
MELTING POINT:	N/A
SPECIFIC GRAVITY:	N/A
(H ₂ O=1)	
SOLUBILITY(H ₂ O):	YES
APPEARANCE & ODOR:	GREEN LIQUID: ACETIC ACID ODOR
VAPOR PRESSURE(mmHg):	N/A
VAPOR DENSITY(air=1):	N/A
EVAPORATION RATE:	
(Butyl Acetate=1)	N/A

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not flammable

FIRE EXTINGUISHING MEDIA: Use water spray, alcohol foam, dry chemical or carbon dioxide.

SPECIAL FIRE-FIGHTING PROCEDURES: Wear protective equipment and self-contained breathing apparatus with full-face piece operated in positive pressure mode.

USUAL FIRE AND EXPLOSION HAZARDS: Gives off flammable vapors. Vapors may form explosive mixture with air. Closed containers exposed to heat may explode.

REACTIVITY DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	Acetic acid, when heated, to

INCOMPATIBLES: decomposition emits toxic fumes
Oxidizers, chromic acid, nitric acid, sodium peroxide, strong caustics

HAZARDOUS DEOMPOSITION OR BYPRODUCTS: Carbon monoxide, carbon dioxide

HEALTH HAZARDS DATA

Inhalation: yes
Skin: yes
Ingestion: yes

Inhalation: may cause severe irritation of the respiratory system. Liquid may cause burns to skin - permanent eye damage. Ingestion may cause burning to mouth and stomach, nausea.

Vomiting and loss of consciousness. Light green is a cancer suspect agent - avoid all routes of exposure.

Carcinogenicity:

NIP: NA

IARC Monographs: NA

OSHA Regulated: NA

Signs and Symptoms of Exposure:

Irritation to skin, eyes or respiratory system, nausea and vomiting.

Medical Conditions Generally Aggravated by Exposure: None identified.

Emergency and First Aid Procedures: CALL A PHYSICIAN! If swallowed do not induce vomiting if conscious give water or milk of magnesia.

Inhalation - remove to fresh air skin - flush with plenty of water for at least 15 minutes, remove contaminated clothing

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear self-contained breathing apparatus and full protective clothing. With clean shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

DISPOSAL PROCEDURE: Dispose in accordance with all applicable Federal, State and local environmental regulations.

PRECAUTIONS TO BE TAKEN I HANDLING AND STORING: Store in a cool, dry, well-ventilated area. Use care when handling. Keep away from heat flame and sparks.

OTHER PRECAUTIONS: Keep container tightly sealed. Wash thoroughly after handling. Use with adequate ventilation.

CONTROL MEASURES

RESPIRATORY PROTECTION: Approved respirator.

VENTILATION: Mechanical (General)

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Approved work clothes!

WORK/HYGIENIC PRACTICES: Use care when handling! Avoid contact with skin, eyes and clothing.