

MATERIAL SAFETY DATA SHEET

Information#: 1(800) 833-5200
Emergency#: 1(469) 993-5855
Date prepared: Oct 1, 2021

Manufacturer for:

Langy Solar
405 N. Bowser Rd., Suite 6A
Richardson, Texas 75081, USA

ALL-IN ONE SOLAR LIGHTS

SECTION 1

PRODUCT IDENTIFICATION

Product Name: SOLAR LIGHTS
Trade Name or Chemical Name: LANGY
Synonyms:
Formula:
Chemical Family:
Molecular Weight:
NFPA:
HMIS Rating: Health = 0 Flammability = 1 Reactivity = 0

SECTION 2

HAZARDOUS INGREDIENTS / HAZARD DATA

<u>Chemical Name (s)</u>	<u>CAS Number</u>	<u>% Wt</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>Sec. 313</u>
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Acrylonitrile Butadiene Styrene

Polyethylene

Aluminum Foil

Crystalline Silicon

Silicon Dioxide

Lithium Iron Phosphate Battery

Information for mixtures is based on constituent MSDS which are available upon request. (Minus Proprietary Trade Names)

SECTION 3

PHYSICAL DATA

Boiling/Melting Point @760 mm Hg: None
pH:
Vapor Pressure mm Hg @20°C:
Vapor Density (Air=1) None
Percent Volatile by Weight (%):
Specific Gravity or Bulk Density: 0.5
Solubility in Water: Insoluble
Evaporation Rate (BuAc = 1):
Appearance: Black
Odor: No odor
Intensity:

SECTION 4

FIRE AND EXPLOSION HAZARD DATA

Flash Point °F (Test Method): Not applicable
Autoignition Temperature: Not applicable
Flammability Limits in Air (%V): Not applicable
Extinguishing Media: ABC all purpose extinguisher or CO₂ extinguisher, foam
Special Fire Fighting Procedures: Water, fog, excess of water fog should be used until it stops smoking, The type of fire extinguisher used should be in conformance with local fire regulations
Unusual Fire and Explosion Hazards:

SECTION 5

HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE

Skin Contact: Not applicable
Eye Contact: Not applicable
Inhalation: Not applicable
Ingestion: Not applicable
Chronic Effects of Overexposure: Not applicable
Toxicological Test Data: No data available

*This Material is in compliance with the toxic substance control act.

SECTION 6

EMERGENCY AND FIRST AID PROCEDURES

Skin: Wash affected areas with water. Get immediate medical attention.
Eyes: Flush eyes with generous amounts of water for at least 15 minutes. Get immediate medical attention.
Ingestion: If swallowed, dilute with water or milk and call a physician immediately.
Inhalation: Move to fresh air. Aid in breathing, and get immediate medical attention.

SECTION 7

REACTIVITY DATA

Product Stability: Stable, avoid heat, avoid impact
Conditions to Avoid: Do not immerse it in water
Chemical Incompatibility: Avoid corrosive chemicals
Hazardous Decomposition Products:
Hazardous Polymerization:
Conditions to Avoid:
Corrosive to Metal:
Oxidizer:

SECTION 8

SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required
Ventilation: Not required
Protective Clothing: Not required
Eye Protection: Not required
Other Precautions: Not applicable

SECTION 9

ENVIRONMENTAL DATA

Environmental Toxicity Data: Not available
Spill or Leak Procedures: Disposal should be in accordance with all Federal, State and Local regulations
Hazardous Substance Superfund: Not applicable
Waste Disposal Method: Not applicable

Hazardous Waste 40CFR261: Not applicable
Container Disposal: Empty containers may be disposed of as normal refuse. Recycle whenever possible.

SECTION 10

SHIPPING DATA

D.O.T. Proper Shipping Name: Lithium -Ion Batteries Contained In Equipment
Hazardous Substance 49CFR CERCLA: Not applicable
D.O.T. Hazardous Class: 9
D.O.T. Labels Required: 173.185
D.O.T. Placards Required: 172.560
Poison Constituent: None
Bill of Lading Description: Lithium-Ion Batteries Equipped Light Fixtures
CC No.: Not applicable
UN/NA Code: UN3481

SECTION 11

SUPPLIER INFORMATION

The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued. We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's responsibility to satisfy himself that it is suitable and complete for his/her particular use.

Prepared By: Langy Solar