

MATERIAL SAFETY DATA SHEET

Date last revised 12/7/10

I. GENERAL INFORMATION

Chemical Name & Synonyms: N/A

Chemical Family: Plasticizers

Product ID # ML-KIT or MagFire Kit

Proper DOT Shipping Name: Flammable Liquid, n.o.s UN1993

Manufacturer: Rocketflite

Manufacturer's Address: 59111 Bremen Hwy. Mishawaka, IN. 46544

Email: sales@rocketflite.com

Trade Name & Synonyms: Pyrogen

Formula: Trade Secret

CAS #: N/A

DOT Hazard Classification: 3

Manufacturer's Phone Number: 1-269-303-2723

Emergency Telephone # Same as above.

II. INGREDIENTS

Principal Hazardous Component: Mixture is considered a Trade **Percent Threshold Limit Value (units)**

Secret. Components will be disclosed per i.a.w.29 CFR 1910.1200 (i)

This product does not contain any lead compounds.

III. PHYSICAL DATA

Boiling Point (F) 194 Degrees F (liquid)

Vapor Pressure (mmHg) -50 - 180

Vapor Density (Air=1) -2.7 - 2.0

Solubility in Water: Resin precipitates when in liquid form.

Appearance and Odor: Grayish black color, sweetish odor

Specific Gravity (H2O=1) -1

Percent Volatile by Volume (%) 73

Evaporation Rate (___=1)

pH:

IV. FIRE & EXPLOSIVE HAZARD DATA

Flash Point (Test Method) 30 Degrees F (closed cup)

Flammable Limits In Air: Lower 1.7 (MEK) Upper 11.4 (MEK)

Extinguishing Media: Graphite, Talc, Dry Sand or Metal Extinguishing Agents **DO NOT USE WATER, FOAM, HALOGENS OR CO2.**

Special Firefighting Procedures: Wear SCBA and protective clothing, use of water on molten or burning magnesium will produce hydrogen gas on contact and may cause an explosion. **CAUTION : THIS PRODUCT CONTAINS MAGNESIUM POWDER.**

Unusual Fire & Explosion Hazards: **DO NOT USE WATER, FOAM, HALOGENS OR CO2.**

Auto Ignition Temperature

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V. HEALTH HAZARD DATA

Threshold Limit Value: OSHA Threshold Limit Value: ACGIH Threshold Limit Value:

Carcinogen-NTP Program: Carcinogen-IARC Program:

Symptoms of Exposure: Eye & skin irritation, moderately toxic, vapor may cause headaches and dizziness.

Medical Conditions Aggravated by Exposure: May aggravate existing dermatitis, asthma and fibrotic pulmonary disease.

Primary Route(s) of Entry: Ingestion, skin, eyes and inhalation.

Emergency First Aid: Swallowing - Do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.

Inhalation - Remove to fresh air, if breathing is difficult obtain medical attention without delay. **Eyes -** Immediately flush with water for at least 15 minutes, obtain medical attention without delay, preferably from an ophthalmologist. **Skin -** wash thoroughly with soap and water. Seek medical attention if irritation persists. Note: This product contains high levels of Magnesium Powder.

VI. REACTIVITY DATA

Stability: Stable **Unstable:** **Conditions to Avoid:**

Stable:

Incompatibility: None **Known Materials to Avoid:** None **Known**

Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None **Known**

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride.

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Extinguish and do not turn on any ignition source until the area is determined to be free from fire or explosion hazard. Wear suitable protective equipment. Collect for disposal. Avoid runoff to sewer or waterways.

Waste Disposal Method: Incinerate in furnace where permitted under appropriate federal, state and local regulations.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection: Safety Glasses

Skin Protection: Gloves

Respiratory Protection (Specific type) Only in high concentrations **Ventilation Recommended:** Yes

Other Protection:

IX. SPECIAL PRECAUTIONS

Hygienic Practices in Handling and Storage: Wash hands thoroughly after handling. Never store in an inhabited building.