



MATERIAL SAFETY DATA SHEET

Importer: Rocket Fireworks Inc.

Address: 14 Advance Rd. Etobicoke, ON M8Z 2T4

Phone (Info): (416) 456-5057

Emergency Phone: (888) 502-5278, International 2024837616

Identity (Trade Name): S102, S103, S104, S105, S107.

MSDS Number: S2000-1

CAS Number: Potassium Chlorate 3811-04-9

Ammonium Chloride 12125-02-9

Date Prepared: 11/05/2020

Prepared By: Ronnie Magnusson

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Components: 23% Potassium Chlorate

47% Ammonium Chloride

SECTION 2 - CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Melting Point: N/A

Vapor Pressure: N/A

Specific Gravity: 1.4

Vapor Density: N/A

Solubility in Water: TO 85%

Evaporation Rate: N/A

Water Reactive: No

Appearance and Odor: White Powder compressed in plastic tubes.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Auto Ignition Temp.: 250 C

Flammability limits in air: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Water only

Special Fire Fighting Proc: None

Unusual Fire & Expl Hazrds: Not explosive, when burning the cartridges produce a large amount of smoke at a constant rate.

SECTION 4 - REACTIVITY HAZARD DATA

Stability: Stable

Cond to Avoid (Stability): Avoid open flames and high temperature.

Materials to Avoid: None

Hazardous Decomp. Prod: N/A

Hazardous Polymerization: Will not occur.

Cond. to avoid (Poly): None

SECTION 5 - HEALTH HAZARD DATA

Route of Entry - Inhalation: No

Route of Entry - Skin: No

Route of Entry - Ingestion: Yes

Carcinogen Listed in: Not listed.

Health Hazard, Acute: Toxic by ingestion.

Health Hazard, Chronic: In severe case kidney damage.

Symptoms of Exposure: Ingestion may give abdominal pain.

Med. Cond. Generally

Aggravated By Exp: Get medical assistance for all overexposure.

Emergency/First Aid Procedures

EYES: Flush with water for 15 minutes

SKIN: Wash with plenty of water.

INHALATION: Fresh air, keep warm. Get medical assistance if breathing problems occur.

INGESTION: Get medical assistance.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection: Dust filter respirator 2B when exposed to smoke for a long time.

Protective Gloves: Not required.

Eye Protection: Not required.

Ventilation To Be Used: Local exhaust.

Other Protective Equipment: None.

Work Hygienic Practices: Wash after handling.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/ LEAK PROCEDURE

Steps If Matl. Released/Spill: Cleaning the area with water.

Waste Disposal Method: Incinerate in a safe place.

Precautions For

Handling/Storing: Store in a dry place at a temperature below 40 C. Keep out of reach of children.

Other Precautions: N/A

NFPA RATING

Health: 1

Flammability: 1

Reactivity: 0

Special: 1