



Safety Fuse

SAFETY DATA SHEET

January 2017

The following item is
distributed by Hodgdon Powder Company.

SAFETY FUSE


International Fireworks Mfg Co.

Safety Data Sheet

Date: 6/5/2015

Page 1 of 4

SECTION 1-IDENTIFICATION	
PRODUCT NAME:	Safety, Fuse
RECOMMENDED USES:	Ignition Source
*****EMERGENCY RESPONSE CHEMTEL 800-255-3924 CONTRACT MIS0005774	
MANUFACTURER:	International Fireworks Mfg. Co 242 Sycamore Rd Douglassville, PA 19518 , USA
Non-Emergency or for more information 888-811-2666	

SECTION 2- HAZARDS IDENTIFICATION	
GHS CLASSIFICATION: EXPLOSIVES	
SIGNAL WORD: WARNING	FIRE
PICTOGRAM:	
	
PRECAUTIONARY STATEMENTS:	
KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/ NO SMOKING	

SECTION 3- COMPOSITION INFORMATION ON INGREDIENTS		
CHEMICAL OR TRADE NAME	CHEMICAL FORMULA	CAS NUMBER
Potassium Nitrate	KN03	007757-79-01
Sulphur	S	007704-34-9
Charcoal		Proprietary
EXPLOSIVE CONTENT IS A SPECIAL MIXTURE ENCLOSED IN THREAD WRAPPING AND COATED WITH A WATER RESISTANT LACQUER- NO PYROTECHNIC COMPOSITION IS EXPOSED		

International Fireworks Mfg. Co.

Date: 6/5/2015

Page

2 of 4

Safety Data Sheet

SECTION 4- FIRST AID MEASURES	
EMERGENCY AND FIRST AID PROCEDURES:	
INGESTION- SEEK EMERGENCY MEDICAL ATTENTION. IF IGNITED FUSE HAS CAUSED THERMAL BURNS, GET MED ATTN IMMEDIATELY. IMMERSE AREA IN COLD WATER	

SECTION 5- FIRE FIGHTING MEASURES	
EXTINGUISHING MEDIA:	Water sprinkler/deluge system recommended
	Flood with water
	Explosion Risk
	DO NOT fight fire when fire reaches explosives
FIRE FIGHTING PROCEDURES	Do not attempt to manually extinguish fires. Burning explosives may accelerate to a detonation at any time when subjected to confinement
	Suffocation Method will not work. Allow to burn in the open.

SECTION 6- ACCIDENTAL RELEASE MEASURES	
Personal precautions, Protective equipment, and Emergency procedures:	Removal of ignition sources.
Environmental precautions:	Burning Fuse produces Carbon Dioxide and some Carbon Monoxide
Procedures for cleaning/picking up	N/A

SECTION 7- HANDLING AND STORAGE	
Handling	Protect from fire. Open and handle containers with care. Keep
	away ignition sources. Do not smoke. Avoid impact and friction.
Storage	Store in a cool dry place in original packaging. Store in accordance
	to all state and national regulations.

International Fireworks Mfg. Co.

Date: 6/5/2015

Page

3 of 4

Safety Data Sheet

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION		
CONTROL PARAMETERS:	N/A	
ENGINEERING MEASURES	N/A	
HYGIENE MEASURES	N/A	
INDIVIDUAL PROTECTION MEASURES	Breathe Protection	Not needed if handles properly
	Hand Protection	Not needed if handled properly
	Eye Protection	Not needed if handled properly
	Body Protection	Not needed if handled properly

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	N/A	Specific Gravity (H ₂ O=1) N/A
Vapor Pressure (mm Hg)	N/A	Melting Point N/A
Vapor Density (Air=1)	N/A	Evaporation Rate N/A
Solubility in Water	slight	

Appearance and Odor: Green, Red or Clear Lacquer Coating over String and Black Powder. Slight smell of lacquer.

SECTION 10- STABILITY AND REACTIVITY	
Chemical Stability	Stable under normal conditions
Conditions to Avoid	Keep away from open flame and sparks
Incompatible Materials	Explosive Material
Hazardous Decomposition	None as long as the recommended handling, transport, storage & use are met, In the event of fire, the produced gases may include carbon monoxide and carbon dioxide
Risk of Hazardous Reactions	No risk of spontaneous reactions.

SECTION 11- TOXICOLOGICAL INFORMATION	
Overexposure Effects- The produced gases may include carbon monoxide and carbon dioxide	
Inhalation	None under normal conditions.
Skin	None under normal conditions.
Eyes	None under normal conditions. If for any reason the explosive mass contacts the eyes, it may cause irritation.
Ingestion	Accidental ingestion of the explosive mass causes gastrointestinal disorders.
Overexposure Symptoms- No symptomatology when the authorized procedures for storage and handling and use are met.	
Safety Precautions - Avoid inhaling the gases resulting from combustion	

International Fireworks Mfg. Co.

Date: 6/5/2015

Safety Data Sheet

Page 4 of 4

SECTION 12- ECOLOGICAL INFORMATION	
Ecotoxicity	This is an assembled product that does not expose its contents under normal conditions of handling
Persistence Degradability	N/A
Bioaccumulation	Bioaccumulation is not expected
Environmental Effects	This is an assembled product that does not expose its contents under normal conditions of handling.

SECTION 13- DISPOSAL CONSIDERATIONS	
Waste Treatment	All waste must be handled in accordance with the local, state and federal regulations
Methods:	Use only properly trained personnel and proper procedures.
	Consult explosives manufacturer in case expert personnel is unavailable.
Disposal of packages or containers	All waste must be handled in accordance with the local, state and federal regulations. Disposal by only properly trained personnel. Consult explosives manufacturer in case expert personnel is unavailable.

SECTION 14- TRANSPORTATION INFORMATION	
Proper Shipping Name	Fuse, Safety, 1.4S, UN 0105, PG II
Part Number/Name	10,000 foot reel Safety Fuse
EX Number	1995020009
Dimensions	15" x 15" x 15"
Net Weight	58 lbs
Gross Weight	60 lbs
Net Explosive Content	28 lbs
Marine Pollutant:	No
Reference 49 CFR for specific Department of Transportation (DOT) shipping requirements	

SECTION 15- REGULATORY INFORMATION

1.4 S- Explosive – Transportation Regulations for Commercial Use by the US Department of Transportation

SECTION 16- OTHER INFORMATION

The information contained herein is furnished without warranty of any kind. Employers should use this information as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from other sources to assure proper use of these materials and the safety and health of employees.