

This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List) K70 (A1062) SHIELD-AEROSOL	Date Prepared: 03-24-2015
Company Information: KAYLINE COMPANY, INC.	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 3303 LAKESIDE AVENUE	Telephone Number for Information: 1-800-426-5820
(City, State, and Zip Code) CLEVELAND, OH 44114	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classification:	Liquefied Gas.
Hazard Statement(s)	WARNING: Contains gas under pressure; may explode if heated. This product contains the following percentage of chemicals of unknown toxicity: 6%
Precautionary Statements:	Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

Symbol:



Hazards not Otherwise Classified: N/A

Section 3 ~ Composition/Information on Ingredients

Hazardous Ingredient	CAS No.	%(Wt.)
Triethanolamine	102-71-6	1 - 5%
Propane/n-Butane	68476-86-8	5 - 10%

Section 4 ~ First Aid Measures

Eyes: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting unless directed by medical authority. Seek immediate medical attention.
Inhalation: Move to fresh air. If breathing difficulty persists, seek medical attention.
Skin: First aid is not normally required.
Acute Health Hazards: None known.
Chronic Health Hazards: None known.
Note to Physician: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5 ~ Fire Fighting Measures

Extinguishing Media: Carbon dioxide, standard chemical fire extinguisher, and water fog.
Unsuitable Extinguishing Media: N/A
Special Fire Fighting Procedures: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.
Unusual Fire and Explosion Hazards: Contents under pressure. Exposure to temperatures above 120°F may cause bursting
Hazardous Combustion Products: None Known

Section 6 ~ Accidental Release Measures

Personal Protective Equipment: Refer to section 8 for proper Personal Protective Equipment.
Spill: Absorb spill with non-combustible material such as vermiculite, sand or earth.
Waste Disposal: Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.
RCRA Status: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

Section 7 ~ Handling and Storage

Handling and Storage: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.
Other Precautions: Keep out of the reach of children.
Incompatibility: None Known

Section 8 ~ Exposure Controls/Personal Protection

<u>Hazardous Ingredient</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Triethanolamine	N/A	5Mg/m3
Propane/n-Butane	1000 ppm	1000 ppm
Engineering Controls / Ventilation: General ventilation recommended.		Respiratory Protection: Not required with normal use.
Personal Protective Equipment: Safety glasses should be worn during use.		Additional Measures: Wash hands thoroughly after handling.

Section 9 ~ Physical Chemical Properties

Boiling Point	> 212°F (100°C)	Specific Gravity (H2O=1)	0.98
Vapor Pressure (mm Hg)	>20	Freezing Point	N/D
Vapor Density (AIR=1)	>10	Evaporation Rate	0.3
Solubility in Water	100%	pH	8.7
Solids (%)	10 - 12%	Partition Coefficient: n-Octanol/water (Kow):	N/D
Volatility Including Water (%):	91%	Dielectric Strength (Volts):	N/A
Decomposition Temperature:	N/D	Viscosity:	N/D
Flammability:	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)		
Appearance and Odor:	White foam, mild odor.	VOC%	8%
Flash Point (Method Used): N/D	Auto - Ignition Temperature: N/D	Lower Flammability Level: N/D	Upper Flammability Level: N/D

Section 10 ~ Stability and Reactivity

Stability: Stable	Reactivity: None known.
Possible Hazardous Reaction: None known.	Incompatibility: None known.
Conditions to Avoid: Extremes of hot and cold.	Hazardous Decomposition or Byproducts: None known.

Section 11 ~ Toxicological Information

Toxicological Information: Propane/n-Butane (68476-86-8) LC50 (Inhalation, Rat, 4hr) 685 mg/m3

Routes of Entry: Inhalation, Eyes

Eyes: Causes mild irritation.

Ingestion: No toxicity expected with normal use.

Inhalation: Causes dizziness if inhaled directly or exposed to excessive amounts.

Skin: None under normal use.

Medical Condition Aggravated: None known

Acute Health Hazards: None Known

Chronic Health Hazards: None known

Carcinogenicity: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

Section 12 ~ Ecological Information

Ecological Information: Not Established

Biodegradability: This product is biodegradable.

Bioaccumulation: This product is not expected to bioaccumulate.

Soil Mobility: This product is mobile in soil.

Other Ecological Hazards: None Known

Section 13 ~ Disposal Considerations

Waste Disposal: Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

RCRA Status: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Aerosols, Ltd. Qty.	Proper Shipping Name:	Aerosols, Ltd. Qty.	Proper Shipping Name:	Aerosols, Ltd. Qty.
Hazard Class/Division:	2.1	Hazard Class/Division:	2.1	Hazard Class/Division:	2.1
UN Number:	UN 1950	UN Number:	UN 1950	UN Number:	UN 1950
Packing Group:	N/A	Packing Group:	N/A	Packing Group:	N/A
Environmental Hazards Water: N/A					

Section 15 ~ Regulatory Information

TSCA Status: All Chemicals are listed or exempt.

CERCLA (Comprehensive Response Compensation, And Liability Act): None

SARA 311/312 Hazard Categories: None

SARA 313 Reportable Ingredients: None

State Regulations: California Proposition 65: None

International Regulations: All components are listed or exempted.

Section 16 ~ Other Information

Issue date	03-24-2015		
	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	A	1= Slight
			0= Minimal

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