

***ARI* When Quality Counts**

PO Box 510
Orchard Hill, GA 30266

Date: January 2012

MATERIAL SAFETY DATA SHEET

Section I – Product Identification

MANUFACTURER'S NAME:	ARI
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300	
ADDRESS:	PO BOX 510, ORCHARD HILL, GA 30266
TRADE NAME:	Ivy Spray
SYNONYMS:	AEROSOL BURN SPRAY

Section II – Material Analysis/Active Ingredients

Component or Material Chemical Name	% of Mixture	CAS #	TLV
Benzocaine, USP	2.5%	94-09-7	Not established
PVP-VA E-335	7.25%	25086-89-9	Not established
Benzethonium Chloride	.08%	89-79-1	Not established
ISOPROPYL MYRISTATE	.5%	110-27-0	Not established
SDA 40-200 ALCOHOL	42.18%	64-17-5	1000 ppm
A-46 Hydrocarbon	47.49%	68476-86-8	1000 ppm

Section III – Hazards Identification

Product is a highly flammable when mixed with air. Propellant in a sealed aerosol can.

Hazard Ranking

Hazard Ranking	NFPA Hazard Class	HMIS Hazard Class
0 = least	Health Hazard = 1	Health Hazard = 1
1 = slight	Flammability = 3	Flammability = 3
2 = moderate	Reactivity = 0	Reactivity = 0
3 = high		
4 = extreme		

Section IV

EMERGENCY AND FIRST AID PROCEDURES

Eye	Flush the eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Seek immediate medical attention.
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Skin	Wash areas with soap and water
Ingestion	Rinse mouth, and consult medical aid
Inhalation	Remove victim from exposure. If not breathing or breathing is difficult, administer artificial respiration and or oxygen as indicated. Seek medical aid.

Section V – Fire and Explosion Data

Flash Point (Closed cup)	>200°F (Aerosol Concentrate)
Flame Extension	Will not extend Flame
Flammable Explosive Limits (% volume in air)	Lower: N/A Upper: 120°F
Extinguishing Methods	Dry chemical or CO2 after spray has been stopped
Special fire and Explosion Procedures	Cool containers with water if exposed to heat or flame with water, move containers away from fire area if this can be done without further risk.

Section VI – Spill or Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Steps to be taken if released or spilled	Remove or eliminate all sources of ignition. Establish ventilation to keep atmospheric concentrations below explosive limits.
Neutralizing chemical	Flush spill area with water
Waste disposal method	Dispose of in accordance with state, local and federal regulations.
Effects of Overexposure	Based on available data, repeated exposures are not anticipated to cause any significant adverse effects.

Section VII – Handling and Storage

Precautionary Statements	Containers should not be dropped. Install protective caps for shipment and storage.
Other Handling and Storage Requirements	Do not store at temperatures above 120°F. Store in well-ventilated areas, away from heat, direct sunlight, and sources of ignition. Keep away from oxidizing agents.

Section VIII – Industrial Hygiene Control Measures

Ventilation Requirements:	Good mechanical ventilation may be adequate for maintaining airborne concentrations below established exposure limits.
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SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

Respiratory (specific in detail)	None
Eye	None
Gloves	None
Other Clothing and Equipment	None

Section IX – Physical and Chemical Properties

Boiling Point	449°F (Aerosol Concentrate)
Solubility in H ₂ O % by weight	Completely miscible
Specific Gravity H ₂ O = 1	0.71
Vapor pressure in can PSI at 70°F	Approximately 46psig @ 70°F
% Volatiles by Volume	55%
PH	N/A
Appearance and Odor	Colorless liquid little or no odor

Section X – Stability and Reactivity

Stability	Stable
Hazardous Polymerization	Can not occur
Incompatibility	Strong Oxidizing Agents
Hazardous Decomposition Products	Oxides of Carbon, aldehydes, and acids
Conditions to avoid	High Heat, Spark, and Open Flames

Section XI – Toxicological Information

Propane is non-toxic and is a simple asphyxiate, however, it does have slight anesthetic properties and higher concentrations. May cause Dizziness.

Irritancy of Material	none
Reproductive Effects	none
Teratogenicity	none
Synergistic Materials	none
Sensitization to Material	none
Mutagenicity	none

Section XII – Ecological Information

No adverse ecological effects are expected.

Section XIII – Disposal Considerations

Dispose of in accordance with Industrial and Government Practices.

Section XIV – Transportation Information

Department of Transportation Information PROPER SHIPPING NAME:	CONSUMER COMMODITY
HAZARD CLASS:	ORM-D – Level 3 Aerosol
Identification Number	UN 1950
Hazard Class	2.1 Flammable Gas Aerosol
Shipping Label	Flammable Gas
Special Shipping Instructions	Product should be shipped upright

Section XV – Regulatory Information

Propane, Isobutane, Benzocaine, and Benzethonium Chloride are listed with the U.S. TSCA.

Section XVI – Other information

The above MSDS sheet was completed using the most up to date information available at the time of its completion. However no representation, warranty, or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself/herself as to the suitability and completeness of such information for their particular use. We do not accept any liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement