

***ARI* When Quality Counts**

PO Box 510
Orchard Hill, GA 30266

Date: January 2011

MATERIAL SAFETY DATA SHEET

Section I – Product Identification

MANUFACTURER'S NAME:	ARI	EMERGENCY PHONE #:	800- 241-5064
ADDRESS:	PO BOX 510, ORCHARD HILL, GA 30266		
TRADE NAME:	BURN PUMP SPRAY		
SYNONYMS:	BURN PUMP SPRAY		

Section II – Material Analysis/Active Ingredients

Component or Material Chemical Name	% of Mixture	CAS #	TLV
Benzocaine USP	5.0%	94-09-7	
Benzalkonium Chloride	0.14%	68424-85-1	
		64-17-5	1000 ppm
Isopropyl Alcohol	46.86%	67-63-0	
Propylene Glycol		57-55-0	
Aloe Vera	0.50%	977023-61-2	
Menthol		87-79-1	
Purified Water	47.0%	N/A	

Section III – Physical Data

Boiling Point	196°F
Solubility in H2O % by weight	Completely miscible
Specific Gravity H2O = 1	0.89
Vapor pressure in can PSI at 70°F	33 mm Hg
% Volatiles by Volume	47.0%
PH	N/A
Appearance and Odor	Colorless liquid, medicinal odor analogous to rubbing alcohol

Section IV – Fire and Explosion Data

Flash Point (Closed cup)	>200°F
Flammable Explosive Limits (% volume in air)	Lower 4 vol% (% vol in air) Upper 24 vol% (% vol in air)
Extinguishing Methods	Alcohol type foam, CO2, Water spray, Water fog, Dry chemical.
Special fire and Explosion Procedures	Water may be ineffective, Water can be used to cool and protect exposed material however may not be capable of extinguishing the fire unless under favorable conditions by experienced fire fighters trained in fighting all types of flammable liquid fires.
Unusual Fire and Explosion Hazard	Burning liquid may float on water.

Section V – Health Hazard Information

HMIS RATING = Health – 1, Fire – 3, Reactivity – 0
Spec. Hazard - 1

HEALTH HAZARD DATA ROUTES OF EXPOSURE

Inhalation	May irritate upper respiratory tract and cause numbness.
Skin Contact	Mildly irritating
Eye Contact	Spray can cause pain and general inflammation.
Ingestion	May cause irritation and vomiting
Effects of Overexposure	Based on available data, repeated exposures are not anticipated to cause any significant adverse effects.

EMERGENCY AND FIRST AID PROCEDURES

Eye	Flush with large amounts of water, lifting upper lids.
Skin	Wash areas with soap and water
Ingestion	Rinse mouth, and consult a physician.
Inhalation	Remove to fresh air.

Section VI – Reactivity Data

Condition contributing to instability	Stable under normal storage conditions.
Incompatibility	Strong oxidizing agents.
Hazardous decomposition products	Oxides of carbon, aldehydes, and acids.
Conditions contributing to hazardous polymerization	Will not occur.

Section VII – Spill or Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Neutralizing chemical	Flush spill area with water.
Waste disposal method	Dispose of in accordance with state, local and federal regulations.

Section VIII – Industrial Hygiene Control Measures

Ventilation Requirements:	Good general ventilation should be sufficient for most conditions.
---------------------------	---

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

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

Section IX – Special Precautions

Precautionary Statements	Do not incinerate or store above 120°F. Flammable. Keep away from heat source.
Other Handling and Storage Requirements	Store in well ventilated areas, away from heat, direct sunlight, and sources of ignition. Keep away from oxidizing agents. Install protective caps for shipment.
Department of Transportation Information PROPER SHIPPING NAME: HAZARD CLASS:	CONSUMER COMMODITY ORM-D
Prepared by: ARI	DATE: January 2011