Material Safety Data Sheet

GAS LINE IPA Antifreeze

Revised 01/06

I. General Information

Chemical Name & Synonyms: Chemical Family: Proper DOT Shipping Name:	IPA, Isorpopanol, 2-propranol Alcohol Isopropanol
Trade Name & Synonyms:	MSDS Applies To All Regardless Of Brand or Trade Name GAS LINE IPA Antifreeze
Formula:	N/A
DOT Hazard Classification:	Flammable Liquid
Manufacture	r: South/Win 606 Walters Street Reidsville, NC 27320

CHEMTREC:

(888) 537-5518

(336) 348-1808

II. Ingredients

Principal Hazardous Comp	oonents	Perce	<u>nt</u>	
Isopropyl Alcohol	CAS# 67-63-0	# 67-63-0 99.0%		
	Source ACGIH	Date Type 1984-TLV STEL	Value/Limits 400 ppm 500 ppm	<u>Time</u> 8 hrs. 15 min.
	DSHA	1971 – Pel	400 ppm	8 hrs.

III. Physical Data

Boiling Point (^O F):	180 deg. F.
Vapor Pressure (mm Hg.):	33 @ 68 deg. F.
Vapor Density (Air=1):	2.1
Solubility in Water:	complete
Appearance & Odor:	Colorless mobile liquid, mild odor
Specific Gravity ($H_2O = 1$):	0.79
Percent Volatile By Volume (%):	n/a
Evaporation Rate(n-Butyl Acetate =1):	1.4
pH:	n/a

Flash Point (Test Method): Flammable Limits: Auto Ignition Temperature: LEL: UEL: Extinguishing Media:

Special Fire Fighting Procedures:

Unusual Fire & Explosion Hazards:

53 deg F. TCC

n/a 2 12 Water fog, "alcohol foam", dry chemical or CO₂ Clean fire area of unprotected personnel. Do not enter confined fire space without full bunker gear (helmet w/ face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing appratus. Cool fire exposed containers with water.

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in rupture. Containers areas exposed to direct flame should be cooled with large quantities of water as needed to prevent weakening of container structure.

OSHA Permissible Exposure Limits: ACGIH Threshold Limit Value:		400 ppm TLV/TWA 400 ppm TLV/STEL 500 ppm	
Carcinogen - NTP Program: Carcinogen - IARC Program:		n/a n/a	
Symptoms of Exposure:		Irritation as noted below. Early to moderate CNC depression may be evidence by giddiness, headache, nausea, and dizziness.	
Medical Conditions Aggravat	ted By Exposure:	Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to IPA	
Emergency First Aid:	while holding eyelids SKIN: Flush skin w/ v INGESTION: Do not or very drowsy. Othe water and induce vom	1	

VI. Reactivity Data

Stability: Conditions To Avoid:	Stable Avoid heat, sparks, flame and contact with strong oxidizing agents. Do not store in aluminum equipment at temperatures above 120 deg. F.
Incompatibility:	
Materials To Avoid:	Strong oxidizing agents.
Hazardous Polymerization:	Will not occur.
Conditions To Avoid:	None.
Hazardous Decomposition Products:	Carbon monoxide and unidentified organic compounds may be formed during combustion.

VII. Environmental Protection Procedures

Spill Response: Large Spill: Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off cource of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent material such as clay, sand, or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove tgrace residue; dispose of flush solutions as above.

Small Spills: Take up with an absorbent materials and place in non-leaking containers; seal tightly for proper disposal.

Waste Disposal Method: Under EPA-RACA, if this product becomes a waste material, it would be ignitable hazardous waste, Hazardous Waste # D001. Refer to latest EPA or state regulations regarding proper disposal.

VIII. Special Protection Information

Eye Protection: Skin Protection:	Wear chemical goggles if there is a likelihood of eye contact. Wear chemical resistant gloves and other clothing as required to minimize contact.
Respiratory Protection (Specific Type):	NIOSH-approved respirator to prevent overexposure.
Ventilation Recommended: Other Protection:	Sufficient to maintain below PEL. Use explosion-proof ventilation as required to control vapor concentrations.

IX. Special Precautions

Hygienic Practices In Handling & Storage:	Keep liquid and vapor away from heat, sparks, and flame. Surfaces that are sufficiently hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.
Precautions For Repair & Maintenance Of G	Contaminated Equipment: None.
Other Precautions:	Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse.
	Do not store or handle in aluminum equipment at temperatures above 120 deg. F.
********************************	nd Of MSDS **********************************

Key:N/ANot ApplicableNDNot Determined

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