

Material Safety Data Sheet

GAS LINE IPA Antifreeze

Revised 01/06

I. General Information

Chemical Name & Synonyms: IPA, Isoropropanol, 2-propranol
Chemical Family: Alcohol
Proper DOT Shipping Name: 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

Manufacturer: *South/Win*
606 Walters Street
Reidsville, NC 27320
(336) 348-1808

CHEMTREC: *(888) 537-5518*

II. Ingredients

Principal Hazardous Components Percent

Isopropyl Alcohol CAS# 67-63-0 99.0%

| <u>Source</u> | <u>Date Type</u> | <u>Value/Limits</u> | <u>Time</u> |
|---------------|------------------|---------------------|-------------|
| ACGIH | 1984-TLV | 400 ppm | 8 hrs. |
| | STEL | 500 ppm | 15 min. |
| DSHA | 1971 – Pel | 400 ppm | 8 hrs. |

III. Physical Data

Boiling Point (°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 (H₂O =1): 0.79
Percent Volatile By Volume (%): n/a
Evaporation Rate(n-Butyl Acetate =1): 1.4
pH: n/a

IV. Fire & Explosion Data

| | |
|-----------------------------------|---|
| Flash Point (Test Method): | 53 deg F. TCC |
| Flammable Limits: | |
| Auto Ignition Temperature: | n/a |
| LEL: | 2 |
| UEL: | 12 |
| Extinguishing Media: | Water fog, "alcohol foam", dry chemical or CO ₂ |
| Special Fire Fighting Procedures: | 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 apparatus. Cool fire exposed containers with water. |
| Unusual Fire & Explosion Hazards: | 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. |

V. Health Hazard Data

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| OSHA Permissible Exposure Limits: | 400 ppm |
| ACGIH Threshold Limit Value: | TLV/TWA 400 ppm TLV/STEL 500 ppm |
| Carcinogen - NTP Program: | n/a |
| Carcinogen - IARC Program: | 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 Aggravated By Exposure: | Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to IPA |
| Emergency First Aid: | EYES: Immediately flush with water for at least 15 minutes while holding eyelids open. SKIN: Flush skin w/ water. INGESTION: Do not give liquids if victim in unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting. Keep victim's head below hips while vomiting. GET MEDICAL ATTENTION. |

VI. Reactivity Data

| | |
|---|--|
| Stability: | Stable |
| Conditions To Avoid: | 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: Conditions To Avoid: | Will not occur. None. |
| Hazardous Decomposition Products: | Carbon monoxide and unidentified organic compounds may be formed during combustion. |

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 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.

***** *End Of MSDS* *****

Key: N/A Not Applicable
 ND Not Determined

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