

# MATERIAL SAFETY DATA SHEET

Trade Name: Johnsens Premium Isopropyl Gas Tank Treatment  
MSDS NO. 2962  
Revision Date: 01/26/2002

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Johnsens Premium Isopropyl Gas Tank Treatment  
Chemical Family: ALCOHOL  
Synonyms: None  
Emergency Telephone (24 hr.): CHEMTREC 1-800-424-9300  
Supplier:  
Technical Chemical Company, P.O. Box 139, Cleburne, Texas 76033

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient/CAS No.	wt. %	OSHA PEL TWA	OSHA PEL Ceiling Limits	ACGIH TLV TWA	ACGIH TLV STEL
Isopropyl Alcohol 67-63-0	99	400 ppm	Not Known	400 ppm	500 ppm

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Danger: Extremely flammable. May be fatal if swallowed. Causes severe eye irritation.

## 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes. Seek immediate medical attention.  
**Ingestion:** If swallowed, give at least 3-4 glasses of water, but do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
**Skin Contact:** Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.

## 5. FIRE FIGHTING MEASURES

### Flammable Properties

**Flash Point °F(°C):** 12 C (54F)  
**Flash Point Method:** TAG Closed Cup  
**Flammable Limits in Air - Lower (%):** 2.0  
**Flammable Limits in Air - Upper (%):** 12.7  
**Autoignition Temperature °F(°C):** 399 C (750 F)  
**Extinguishing Media:** Water. Alcohol foam. Carbon dioxide. Dry chemical. Use water spray to keep containers cool that are exposed to heat or flames.

### Protection Of Fire-Fighters:

**Special Fire-Fighting Procedures:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing.

**Hazardous Combustion Products:** Not determined.

**Aerosol Comments:** Not Applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate protective clothing and equipment to prevent skin and eye contact.

**Spill Procedures:** Contain any liquid from leaking containers. Avoid all sources of ignition; heat, sparks and open flames. Ventilate spill area. Soak up material with absorbent and place in chemical waste container.  
Remove sources of ignition. Release causes immediate fire/explosion hazard.

**Environmental Precautions:** Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

## 7. HANDLING AND STORAGE

**Handling and Storage:** Danger: Extremely flammable. Keep away from heat and open flame. Avoid contact with skin and eyes. Use only in a well ventilated area. Keep container closed when not in use. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Eyewash stations. Showers. Exhaust ventilation.

**Eyes:** Wear safety glasses or goggles to protect against exposure.

**Skin Protection:** Not normally necessary. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

**Respiratory Protection:** Use an approved NIOSH organic vapor respirator below the TLV. If TLV is exceeded or overexposure is likely,

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use positive pressure or self contained breathing apparatus.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Colorless to light yellow liquid	<b>pH Value:</b>	Not Determined
<b>Odor:</b>	ALCOHOL	<b>Vapor Density (Air=1):</b>	Not Determined
<b>Vapor Pressure:</b>	AP 33 mm Hg @ 68F	<b>Melting/Freezing Point:</b>	AP -127 F
<b>Boiling Point (°F):</b>	AP 180 F	<b>Bulk Density at 20°C:</b>	Not Determined
<b>Solubility in Water:</b>	COMPLETE	<b>Evaporation Rate:</b>	Not Determined
<b>Molecular Weight:</b>	Not Determined	<b>Specific Gravity (H2O=1):</b>	.78 @ 68 F.
<b>Viscosity:</b>	Not determined.	<b>Decomposition Temperature:</b>	Not Known
<b>VOC Content(%):</b>	99%		

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	STABLE.
<b>Conditions to Avoid:</b>	Keep away from heat, sparks and flame. Strong oxidizing agents.
<b>Materials to Avoid:</b>	Oxidizing agents. Aluminum metals, NITROFORM. Sulfuric Acid.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide. Toxic fumes
<b>Hazardous Polymerization:</b>	None anticipated.

### 11. TOXICOLOGICAL INFORMATION

#### Toxicological Data:

Ingredient/CAS No.	wt. %	Route	Species	Dose
Isopropyl Alcohol 67-63-0	99	Inhalation	Rats	LC50 16,000 ppm

#### Carcinogenicity:

Ingredient/CAS No.	wt. %	IARC	NTP	OSHA
Isopropyl Alcohol 67-63-0	99	Not Listed	Not Listed	Not Listed

### 12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

### 13. DISPOSAL CONSIDERATION

**Waste Classification:** Contaminated product/soil/water may be U.S. Resource Conservation and Recovery Act (RCRA) U.S. Occupational Safety and Health Administration (OSHA) hazardous waste due to potentially low flash point.

**Waste Management:** Not determined.

Disposal should be made in accordance with federal, state and local regulations.

### 14. TRANSPORTATION INFORMATION

#### U.S. DOT:

<b>Proper Shipping Name:</b>	ORM-D CONSUMER COMMODITY
<b>Hazard Class:</b>	ORM-D
<b>UN/NA Number:</b>	Not Applicable
<b>DOT Packing Group:</b>	Not Applicable

#### IMDG:

<b>Proper Shipping Name:</b>	Isopropyl Alcohol
<b>Hazard Class:</b>	3
<b>Hazard Subclass:</b>	Not determined.

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**UN No.:** UN1219  
**Packing Group:** PG II  
**Marine Pollutant:** NO

**15. REGULATORY INFORMATION**

**US Federal Regulations:**

Ingredient/CAS No.	wt. %	SARA 313	SARA 302	RQ	TPQ
Isopropyl Alcohol 67-63-0	99	Listed	Not Listed	NA	NA

**SARA 311/312 Hazard Categories:** Not Determined.

**State Regulations:**

Ingredient/CAS No.	wt. %	California Prop. 65 Cancer list	California Prop. 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male
Isopropyl Alcohol 67-63-0	99	Not Listed	Not Listed	Not Listed	Not Listed

**U.S. TSCA:** The components of this product are listed on the TSCA Inventory.

**16. OTHER INFORMATION**

**General Notes:** Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

**Disclaimer:**

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