

# MATERIAL SAFETY DATA SHEET

HMIS CODES: 

H	F	R	P
2	1	0	B

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administrator  
(Non-Mandatory Form)  
Form Approved OMB No. 1218-0072

IDENTITY (AS USED ON LABEL AND LIST):

**JOMAR W.O.G. plus**

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**Manufacturer's Name:  
JOMAR INTERNATIONAL INC.Emergency Telephone Number:  
(586) 268-1220Address (Number, Street, City, State, and ZIP Code):  
7243 MILLER DRIVETelephone Number for Information:  
(586) 268-1220

SUITE 100

Date Prepared: August 27, 2010

WARREN, MI 48092

Signature of Preparer (optional):

**Section II - Hazardous Ingredients/Identity Information**

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S))	OSHA PEL	ACGIH TLV	OTHER LIMITS Recommended	% (optional)
ISOPROPYL ALCOHOL [CAS#67-63-0]	N/A	500 ppm	N/A	5 - 10

**Section III - Physical/Chemical Characteristics**

Boiling Point:	165°F	Specific Gravity (H <sub>2</sub> O = 1):	1.30
Vapor Pressure (mm Hg):	44	Melting Point:	N/A
Vapor Density (AIR = 1):	1	Evaporation Rate (Butyl Acetate = 1):	1.9

Solubility in Water: 33%

Appearance and Odor: VISCOUS BROWN LIQUID - SLIGHT ALCOHOL ODOR

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used): 58°F(TCC)	Flammable Limits:	LEL: 3.3%	UEL: 1.9%
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Extinguishing Media: CARBON DIOXIDE OR DRY CHEMICAL

Special Fire Fighting Procedures: USE RESPIRATORY PROTECTION.

Unusual Fire and Explosion Hazards: N/A

<b>Section V - Reactivity Data</b>	<b>JOMAR W.O.G. plus</b>
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Stability:	Unstable:		Conditions to Avoid: N/A
	Stable:	X	

Incompatibility (Materials to Avoid): LIQUID OXYGEN SYSTEMS .

Hazardous Decomposition or Byproducts: N/A

Hazardous Polymerization:	May Occur:		Conditions to Avoid: N/A
	Will Not Occur:	X	

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation? YES	Skin? YES	Ingestion? YES
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Health Hazards (Acute and Chronic): N/A

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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Signs and Symptoms of Exposure:  
 INHALATION: POSSIBLE DIZZINESS IF USED IN CONFINED AREAS.  
 SKIN: MAY CAUSE MILD IRRITATION TO SENSITIVE SKIN. INGESTION: WILL CAUSE NAUSEA AND DIZZINESS.

Medical Conditions Generally Aggravated by Exposure: N/A

Emergency and First Aid Procedures:  
 EYE CONTACT: FLUSH EYES WITH WATER AND CONTACT A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled:  
 CONFINE SPILL AND USE NORMAL GOOD HOUSEKEEPING PROCEDURES.

Waste Disposal Method:  
 DISPOSAL TO BE DONE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions to Be Taken in Handling and Storing:  
 STORE AWAY FROM HEAT OR OPEN FLAME. CLOSE CONTAINER AFTER EACH USE.

Other Precautions:  
 WEAR PROTECTIVE GLOVES TO PREVENT POSSIBLE SKIN ABSORPTION AND DERMATITIS. KEEP OUT OF REACH OF CHILDREN.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type):  
 AVOID BREATHING OF FUMES. IF USED IN A CONFINED AREA, A RESPIRATOR MAY BE NECESSARY.

Ventilation:	Local Exhaust: NORMAL VENTILATION IS ADEQUATE.	Special: N/A
	Mechanical (General): N/A	Other: N/A

Protective Gloves: GLOVES MAY BE NECESSARY FOR SENSITIVE SKIN.	Eye Protection: KEEP OUT OF EYES. WEAR PROTECTIVE GOGGLES WHERE NECESSARY.
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Other Protective Clothing or Equipment: N/A

Work/Hygienic Practices: N/A