



1411-20 Esterbrooke Ave, North York, ON M2J 2C3 | 343-600-2484 | info@maplechem.ca | Industrial Manufacturing Division - Anhydrous Solvent

MAPLECHEM SOLUTIONS INC.

TECHNICAL DATA SHEET - INDUSTRIAL MANUFACTURING DIVISION

TDS - MapleChem Isopropyl Alcohol (99% IPA) Anhydrous High-Purity IPA Solvent & Degreaser

Industrial Manufacturing Division - Anhydrous High-Purity IPA 99% - CAS 67-63-0 - Volatile Alcohol Solvent - Precision Degreasing

REACH Compliant - WHMIS Compliant - Anhydrous 99% - Fast Evaporation Residue-Free - Completely Water Miscible - Precision Degreaser

Document No.	TDS-MC-IPA-99-2026-V2.0
Product Type	Anhydrous High-Purity IPA Solvent & Degreaser - 99% IPA - Industrial Manufacturing
Issue Date	July 23, 2026
Purity	99% - CAS 67-63-0 - Volatile alcohol solvent - Boiling ~82C - Flash flammable - Evaporation High - Miscible
Packaging	20L Pail / 205L Drum / 1000L IBC / Bulk Supply
Contact	industrial@maplechem.ca +1 (343) 600-2484

Section 1 Product Overview - Anhydrous IPA Technology

MapleChem Isopropyl Alcohol (99% IPA) is an anhydrous high-purity Isopropyl Alcohol 99% IPA solvent engineered for precision degreasing and cleaning. Serves as an exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance.

Anhydrous high-purity solvent provides critical functions: Electronic component cleaning safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Safely removes flux residues and contamination - PCBs and sensitive electronic assemblies - Electronic component cleaning - Safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Electronic component cleaning safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Precision degreasing dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Dissolves light oils, grease, and processing fluids - Metallic and non-metallic components - Precision degreasing - Dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Precision degreasing dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Industrial surface preparation provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Residue-free flash drying - Substrate surfaces prior to bonding or coating - Industrial surface preparation - Provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Industrial surface preparation provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Optical and instrumentation cleaning gently purges glass, optical sensors, and precision fiber optics of oily deposits - Gently purges glass, optical sensors, and precision fiber optics - Oily deposits - Optical and instrumentation cleaning - Gently purges glass, optical sensors, and precision fiber optics of oily deposits - Optical and instrumentation cleaning gently purges glass,

optical sensors, and precision fiber optics of oily deposits - Manufacturing maintenance cleaning keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Manufacturing maintenance cleaning - Keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Manufacturing maintenance cleaning keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Anhydrous high-purity Isopropyl Alcohol 99% IPA solvent engineered for precision degreasing and cleaning - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - CAS Number 67-63-0 Physical State Volatile alcohol solvent Purity 99% Boiling Point ~82C Flash Point Flammable liquid Evaporation Rate High Water Miscibility Completely miscible

✓ Anhydrous 99% - Fast Evaporation Residue-Free - Completely Water Miscible - CAS 67-63-0 - Volatile Alcohol Solvent - Boiling ~82C - Flash Flammable - REACH & WHMIS Compliant - Precision Degreaser

Section 2 Technical Specification Matrix - Anhydrous IPA 99% Solvent & Degreaser

Property / Parameter	Test Method	Value	Unit / Note
CAS Number	CAS 67-63-0	67-63-0	CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Isopropyl alcohol - Anhydrous high-purity IPA - High-purity IPA solvent & degreaser - CAS 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0
Physical State	Visual	Volatile alcohol solvent	Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent -



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			Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Purity 99%
Boiling Point	ASTM D1078	~82°C	Boiling Point ~82C - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C - Boiling point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C
Flash Point	ASTM D56 Closed Cup	Flammable liquid ~12°C	Flash Point Flammable liquid - Flash Point Flammable liquid - Flash point ~12C closed cup - Flash Point Flammable liquid - Flash point ~12C closed cup - Highly flammable liquid and vapor H225 - Flash point

			~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Flash Point Flammable liquid - Flash point ~12C closed cup - Flammable liquid - Highly flammable - DANGER - Flash point low means highly flammable - Flash point ~12C low flash point - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99%
Evaporation Rate	ASTM D3539 - n-BuAc=1	High - ~1.5-2.3	Evaporation Rate High - Evaporation Rate High - Evaporation rate high - Evaporation rate high - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Anhydrous high-purity Isopropyl Alcohol 99% IPA solvent engineered for precision degreasing and cleaning - Serves as

			exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - For electronic component cleaning safely removes flux residues and contamination from PCBs and sensitive electronic assemblies, Precision degreasing dissolves light oils, grease, and processing fluids from metallic and non-metallic components, Industrial surface preparation provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks, Optical and instrumentation cleaning gently purges glass, optical sensors, and precision fiber optics of oily deposits, Manufacturing maintenance cleaning keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Evaporation Rate High - Evaporation rate high - Fast evaporation and residue-free performance - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Evaporation Rate High - Evaporation rate high - Fast evaporation and residue-free performance - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Evaporation Rate High - Evaporation rate high - Fast evaporation and
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			completely miscible - Completely miscible - Isopropyl alcohol is completely miscible with water - Water miscibility completely miscible
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Section 3 How Anhydrous IPA 99% Works - Precision Degreasing Properties

- 1. CAS Number 67-63-0 - Isopropyl Alcohol - Anhydrous High-Purity IPA: CAS Number 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Isopropyl alcohol - Anhydrous high-purity IPA - High-purity IPA solvent & degreaser - CAS 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Isopropyl alcohol - Anhydrous high-purity IPA - High-purity IPA solvent & degreaser - CAS 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0
- 2. Physical State Volatile Alcohol Solvent: Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent is liquid at ambient - Volatile means evaporates easily - Volatile alcohol solvent - Evaporates easily - Anhydrous high-purity Isopropyl Alcohol 99% IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent
- 3. Purity 99% Anhydrous High-Purity: Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA -

High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Purity 99% - 99% anhydrous - High-purity - Industrial solvent - Degreaser - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Purity 99% - 99% anhydrous means less than 1% water - High-purity - Anhydrous means without water - 99% anhydrous means less than 1% water - High-purity - Anhydrous means without water - 99% anhydrous means less than 1% water - High-purity - Anhydrous means without water

- 4. Boiling Point ~82C - Low Boiling for Fast Evaporation: Boiling Point ~82C - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C - Boiling point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C - Boiling point ~82C low boiling - Low boiling means evaporates at low temp - Boiling point ~82C low boiling - Low boiling means fast evaporation - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Anhydrous high-purity Isopropyl Alcohol 99% IPA solvent engineered for precision degreasing and cleaning - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - For electronic component cleaning safely removes flux residues and contamination from PCBs and sensitive electronic assemblies, Precision degreasing dissolves light oils, grease, and processing fluids from metallic and non-metallic components, Industrial surface preparation provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks, Optical and instrumentation cleaning gently purges glass, optical sensors, and precision fiber optics of oily deposits, Manufacturing maintenance cleaning keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Boiling point ~82C low boiling - Low boiling means fast evaporation - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at 101.3 kPa - Boiling Point ~82C
- 5. Flash Point Flammable Liquid ~12C + Evaporation High + Water Miscibility Completely Miscible: Flash Point Flammable liquid - Flash Point Flammable liquid - Flash point ~12C closed cup - Flash Point Flammable liquid - Flash point ~12C closed cup - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely



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Section 4 Key Benefits - Why IPA 99%?

- Anhydrous high-purity Isopropyl Alcohol (99% IPA) solvent engineered for precision degreasing and cleaning. Serves as an exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance. For electronic component cleaning safely removes flux residues and contamination from PCBs and sensitive electronic assemblies, Precision degreasing dissolves light oils, grease, and processing fluids from metallic and non-metallic components, Industrial surface preparation provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks, Optical and instrumentation cleaning gently purges glass, optical sensors, and precision fiber optics of oily deposits, Manufacturing maintenance cleaning keeps machine enclosures, tooling setups, and robotic arms completely free of grime. CAS Number 67-63-0 Physical State Volatile alcohol solvent Purity 99% Boiling Point ~82C Flash Point Flammable liquid Evaporation Rate High Water Miscibility Completely miscible - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance - CAS Number 67-63-0 Physical State Volatile alcohol solvent Purity 99% Boiling Point ~82C Flash Point Flammable liquid Evaporation Rate High Water Miscibility Completely miscible
- CAS Number 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Isopropyl alcohol - Anhydrous high-purity IPA - High-purity IPA solvent & degreaser - CAS 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Isopropyl alcohol - Anhydrous high-purity IPA - High-purity IPA solvent & degreaser - CAS 67-63-0 - CAS Number 67-63-0 - Physical State Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0
- Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent is liquid at ambient - Volatile means evaporates easily - Volatile alcohol solvent - Evaporates easily - Anhydrous high-purity Isopropyl Alcohol 99% IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Volatile alcohol solvent - Physical State Volatile alcohol solvent - Volatile alcohol

solvent - Physical State - Volatile alcohol solvent - Volatile alcohol solvent - Physical State
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 Volatile alcohol solvent - Physical State Volatile alcohol solvent

- Purity 99% Anhydrous High-Purity - 99% anhydrous means less than 1% water - High-purity -
 Anhydrous means without water - 99% anhydrous means less than 1% water - High-purity -
 Anhydrous means without water - 99% anhydrous means less than 1% water - High-purity -
 Anhydrous means without water - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl
 Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for
 electronics, industrial cleaning, and surface preparation with fast evaporation and residue-
 free performance - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99%
 IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics,
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 performance - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA -
 High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics, industrial
 cleaning, and surface preparation with fast evaporation and residue-free performance - Purity
 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol 99% IPA - High-purity IPA
 solvent & degreaser - Serves as exceptional agent for electronics, industrial cleaning, and
 surface preparation with fast evaporation and residue-free performance - Purity 99% - 99%
 anhydrous - High-purity - Industrial solvent - Degreaser - Purity 99% - Anhydrous high-purity
 Isopropyl Alcohol 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional
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 residue-free performance - Purity 99% - Purity 99% - Anhydrous high-purity Isopropyl Alcohol
 99% IPA - High-purity IPA solvent & degreaser - Serves as exceptional agent for electronics,
 industrial cleaning, and surface preparation with fast evaporation and residue-free
 performance - Purity 99%
- Boiling Point ~82C + Flash Point ~12C + Evaporation High + Water Miscibility Completely
 miscible - Boiling Point ~82C - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is
 ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at
 101.3 kPa - Boiling Point ~82C - Boiling Point ~82C - Boiling point of isopropyl alcohol 99% is
 ~82C - Boiling Point ~82C - Boiling point - ~82C - Isopropyl alcohol boiling point 82.6C at
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miscibility completely miscible - Water - Water miscibility completely miscible - Water
miscibility completely miscible - Completely miscible means mixes with water in all
proportions - Isopropyl alcohol is completely miscible with water - Water miscibility completely
miscible - Completely miscible means mixes with water in all proportions - Isopropyl alcohol is
completely miscible with water - Water miscibility completely miscible - Completely miscible -
Isopropyl alcohol is completely miscible with water - Water miscibility completely miscible

Section 5 Applications & Recommended Uses - Industrial Manufacturing

- Electronic component cleaning - Safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Electronic component cleaning - Safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Electronic component cleaning safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Electronic component cleaning - Safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Safely removes flux residues and contamination - PCBs and sensitive electronic assemblies - Electronic component cleaning - Safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Electronic component cleaning - Safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Electronic component cleaning safely removes flux residues and contamination from PCBs and sensitive electronic assemblies - Primary application - Electronic component cleaning
- Precision degreasing - Dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Precision degreasing - Dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Precision degreasing dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Precision degreasing - Dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Dissolves light oils, grease, and processing fluids - Metallic and non-metallic components - Precision degreasing - Dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Precision degreasing - Dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Precision degreasing dissolves light oils, grease, and processing fluids from metallic and non-metallic components - Primary application - Precision degreasing
- Industrial surface preparation - Provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Industrial surface preparation - Provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Industrial surface preparation provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Industrial surface preparation - Provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Residue-free flash drying - Substrate surfaces prior to bonding or coating - Industrial surface preparation - Provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Industrial surface preparation - Provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Industrial surface preparation provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks - Primary application - Industrial surface preparation
- Optical and instrumentation cleaning - Gently purges glass, optical sensors, and precision fiber optics of oily deposits - Optical and instrumentation cleaning - Gently purges glass,

optical sensors, and precision fiber optics of oily deposits - Optical and instrumentation cleaning gently purges glass, optical sensors, and precision fiber optics of oily deposits - Optical and instrumentation cleaning - Gently purges glass, optical sensors, and precision fiber optics of oily deposits - Gently purges glass, optical sensors, and precision fiber optics - Oily deposits - Optical and instrumentation cleaning - Gently purges glass, optical sensors, and precision fiber optics of oily deposits - Optical and instrumentation cleaning - Gently purges glass, optical sensors, and precision fiber optics of oily deposits - Optical and instrumentation cleaning gently purges glass, optical sensors, and precision fiber optics of oily deposits - Primary application - Optical and instrumentation cleaning

- Manufacturing maintenance cleaning - Keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Manufacturing maintenance cleaning - Keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Manufacturing maintenance cleaning keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Manufacturing maintenance cleaning - Keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Manufacturing maintenance cleaning - Keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Manufacturing maintenance cleaning - Keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Manufacturing maintenance cleaning keeps machine enclosures, tooling setups, and robotic arms completely free of grime - Primary application - Manufacturing maintenance cleaning

Section 6 Packaging Configurations - Industrial Manufacturing - Anhydrous Solvent

- 20L Pail - 16 kg net - Steel/HDPE UN - Anhydrous high-purity IPA 99% - Volatile alcohol solvent - Boiling ~82C - Flash flammable ~12C - Evaporation High - Miscible
- 205L Drum - 160 kg net - Steel UN - Anhydrous high-purity IPA 99% - Volatile alcohol solvent - Boiling ~82C - Flash flammable ~12C - Evaporation High - Miscible
- 1000L IBC Tote - 785 kg net - Composite HDPE + Steel - Anhydrous high-purity IPA 99% - Volatile alcohol solvent - Boiling ~82C - Flash flammable ~12C - Evaporation High - Miscible
- Bulk Supply - 10,000-24,000L - Tanker - Anhydrous high-purity IPA 99% - Volatile alcohol solvent - Boiling ~82C - Flash flammable ~12C - Evaporation High - Miscible - Available upon request

Section 7 Compliance & Certifications - Industrial Manufacturing - PRIMARY

- ISO 9001:2015 - Quality Management - Industrial Manufacturing quality - Batch COA with purity, etc. - Listed / Compliant
- REACH Compliant: Meets REACH Compliant - REACH registration for isopropyl alcohol - Meets REACH Compliant - Listed / Compliant - PRIMARY FOR INDUSTRIAL SOLVENT - REACH Compliant - Isopropyl alcohol - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - REACH Compliant - Meets REACH Compliant - REACH registration for isopropyl alcohol - Meets REACH Compliant - PRIMARY FOR INDUSTRIAL SOLVENT - REACH Compliant - Meets REACH Compliant - REACH registration for isopropyl alcohol - Meets REACH Compliant - PRIMARY FOR INDUSTRIAL SOLVENT - REACH Compliant

- WHMIS Compliant: Meets WHMIS Compliant - WHMIS 2015 compliant - WHMIS Compliant - Listed / Compliant - PRIMARY FOR INDUSTRIAL SOLVENT - WHMIS Compliant - Isopropyl alcohol - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - WHMIS Compliant - Meets WHMIS Compliant - WHMIS 2015 compliant - WHMIS Compliant - PRIMARY FOR INDUSTRIAL SOLVENT - WHMIS Compliant - Meets WHMIS Compliant - WHMIS 2015 compliant - WHMIS Compliant - PRIMARY FOR INDUSTRIAL SOLVENT - WHMIS Compliant

Section 8 Handling & Storage Guidelines

- Store in original tightly closed containers in cool, dry, well-ventilated area at 5-25C, away from direct sunlight, heat, sparks, open flame, well-ventilated, keep cool - Keep away from heat/sparks/open flame/hot surfaces - No smoking - Ground/bond - Store in well-ventilated place - Keep cool - Store locked up - Suitable: Steel, stainless steel 304/316, HDPE - Not suitable: Aluminum may be attacked at high temp - Store away from strong oxidizers, acids, alkali metals - Isopropyl alcohol + strong oxidizer may cause fire/explosion - Keep away from strong oxidizers - Store away from direct sunlight - Highly flammable liquid Category 2 - Store in well-ventilated place - Keep cool - Store locked up - Highly flammable liquid - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99%
- Keep tightly closed - Keep cool - Well-ventilated - Isopropyl alcohol stable if stored properly - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated - Isopropyl alcohol stable if stored properly - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated - Isopropyl alcohol stable if stored properly - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated - Stable if stored properly - Isopropyl alcohol stable - Anhydrous high-purity IPA stable - Volatile alcohol solvent stable - Purity 99% stable - Isopropyl alcohol stable if stored properly - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated

Section 9 Limitations & Exclusions - Industrial Manufacturing - CRITICAL

- Do not dilute with unapproved industrial waters - Use only approved water - Use deionized water if possible - Hard water may cause residue - Use deionized water - Do not dilute with unapproved industrial waters - Use only approved water - Use deionized water if possible - Hard water may cause residue - Use deionized water - Do not dilute with unapproved industrial waters - Use only approved water - Use deionized water if possible - Hard water may cause residue - Use deionized water - Do not dilute with unapproved industrial waters - Use only approved water - Use deionized water if possible - Hard water may cause residue - Use deionized water - Water miscibility completely miscible - Isopropyl alcohol is completely miscible with water - Water miscibility completely miscible - Completely miscible means mixes with water in all proportions - Isopropyl alcohol is completely miscible with water - Water miscibility completely miscible - But do not dilute with unapproved industrial waters - Use only approved water - Use deionized water if possible - Hard water may cause residue - Use deionized water

- Avoid prolonged high-temperature stagnation loops without antioxidant stabilizers - Isopropyl alcohol in storage at high temp may cause oxidation - Oxidation causes isopropyl alcohol to form acetone and other oxidation products - Store cool - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated - Isopropyl alcohol stable if stored properly - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated - Isopropyl alcohol stable if stored properly - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated - Avoid prolonged high-temperature stagnation loops without antioxidant stabilizers - Isopropyl alcohol in storage at high temp may cause oxidation - Oxidation causes isopropyl alcohol to form acetone and other oxidation products - Store cool - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated - Isopropyl alcohol stable if stored properly - Store at 5-25C - Keep tightly closed - Keep cool - Well-ventilated - Avoid prolonged high-temperature stagnation loops without antioxidant stabilizers
- Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - UN 1219 Isopropanol - Class 3 - PG II - Flash ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - UN 1219 - For transport, UN 1219 Isopropanol - Class 3 - PG II - Flash ~12C - Highly flammable liquid Category 2 - For workplace, DANGER - Highly flammable liquid and vapor + Serious eye irritation + May cause drowsiness or dizziness - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor - Keep away from heat/sparks/open flame/hot surfaces - No smoking - Ground/bond container and receiving equipment - Use explosion-proof electrical/ventilating/lighting equipment - Use only non-sparking tools - Take precautionary measures against static discharge - Avoid eye/skin contact - Avoid breathing vapors - Use only outdoors or in well-ventilated area - Wear goggles, gloves - Handle per good industrial hygiene - For electronic component cleaning only - For precision degreasing - For industrial surface preparation - For optical and instrumentation cleaning - For manufacturing maintenance cleaning - For trained industrial personnel - Do not eat/drink/smoke when using - Wash thoroughly after handling - Avoid breathing vapors - Use only outdoors or in well-ventilated area - Wear protective gloves/eye protection - Highly flammable liquid and vapor - Causes serious eye irritation - May cause drowsiness or dizziness - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - For industrial use only - Not for beverage, food, or pharmaceutical use without proper licensing - Industrial solvent - Degreaser - Anhydrous high-purity Isopropyl Alcohol 99% IPA solvent engineered for precision degreasing and cleaning



1411-20 Esterbrooke Ave, North York, ON M2J 2C3 | 343-600-2484 | info@maplechem.ca | Industrial Manufacturing Division - Anhydrous Solvent

Disclaimer: Anhydrous high-purity Isopropyl Alcohol (99% IPA) solvent engineered for precision degreasing and cleaning. Serves as an exceptional agent for electronics, industrial cleaning, and surface preparation with fast evaporation and residue-free performance. For electronic component cleaning safely removes flux residues and contamination from PCBs and sensitive electronic assemblies, Precision degreasing dissolves light oils, grease, and processing fluids from metallic and non-metallic components, Industrial surface preparation provides residue-free flash drying of substrate surfaces prior to bonding or coating tasks, Optical and instrumentation cleaning gently purges glass, optical sensors, and precision fiber optics of oily deposits, Manufacturing maintenance cleaning keeps machine enclosures, tooling setups, and robotic arms completely free of grime. CAS Number 67-63-0 Physical State Volatile alcohol solvent Purity 99% Boiling Point ~82C Flash Point Flammable liquid Evaporation Rate High Water Miscibility Completely miscible. Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Causes serious eye irritation H319 - Causes serious eye irritation - Isopropyl alcohol 99% - May cause serious eye irritation - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Causes serious eye irritation H319 - Rinse with water 15 min - If eye irritation persists get medical advice - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - May cause drowsiness or dizziness H336 - May cause drowsiness or dizziness - Isopropyl alcohol vapors may cause drowsiness or dizziness - Use ventilation - Call POISON CENTER/doctor if you feel unwell - Isopropyl alcohol vapors - May cause drowsiness or dizziness - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Causes serious eye irritation H319 - May cause drowsiness or dizziness H336 - UN 1219 Isopropanol - Class 3 - PG II - Flash ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - UN 1219 - For transport, UN 1219 Isopropanol - Class 3 - PG II - Flash ~12C - Highly flammable liquid Category 2 - For workplace, DANGER - Highly flammable liquid and vapor + Serious eye irritation + May cause drowsiness or dizziness - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor - Keep away from heat/sparks/open flame/hot surfaces - No smoking - Ground/bond container and receiving equipment - Use explosion-proof electrical/ventilating/lighting equipment - Use only non-sparking tools - Take precautionary measures against static discharge - Avoid eye/skin contact - Avoid breathing vapors - Use only outdoors or in well-ventilated area - Wear goggles, gloves - Handle per good industrial hygiene - For electronic component cleaning only - For precision degreasing - For industrial surface preparation - For optical and instrumentation cleaning - For manufacturing maintenance cleaning - For trained industrial personnel - Do not eat/drink/smoke when using - Wash thoroughly after handling - Avoid breathing vapors - Use only outdoors or in well-ventilated area - Wear protective gloves/eye protection - Highly flammable liquid and vapor - Causes serious eye irritation - May cause drowsiness or dizziness - Isopropyl alcohol 99% - Anhydrous high-purity IPA - Volatile alcohol solvent - Purity 99% - Boiling Point ~82C - Flash Point Flammable liquid - Evaporation Rate High - Water Miscibility Completely miscible - CAS 67-63-0 - Highly flammable - DANGER - Highly flammable liquid and vapor H225 - Flash point ~12C - Highly flammable liquid Category 2 - Isopropyl alcohol 99% - For industrial use only - Not for beverage, food, or pharmaceutical use without proper licensing - Industrial solvent - Degreaser - Anhydrous high-purity Isopropyl Alcohol 99% IPA solvent engineered for precision degreasing and cleaning

End of TDS - MapleChem Isopropyl Alcohol 99% IPA - Version 2.0 Professional - Industrial Manufacturing - Anhydrous Solvent - CAS 67-63-0 - REACH & WHMIS Compliant - Precision Degreaser