T E C H N I C A L   D A T A   S H E E T

IPA

Non-Sterile | Sterile

Isopropanol

TECHNICAL DATA SHEET

Products

Number	Description	Sterile	Packaging	Case
Non-Sterile IPA				
TX117	70% Isopropanol, non-sterile		1 gallon (3.8 liters) polybottle	4 polybottles
TX167	70% Isopropanol, non-sterile		16 fluid ounces (473 mL) trigger spray	12 polybottles
TX111	100% Isopropanol, non-sterile		1 gallon (3.8 liters) polybottle	4 polybottles
TX161	100% Isopropanol, non-sterile		16 fluid ounces (473 mL) trigger spray	12 polybottles
Sterile IPA				
TX3270	70% Isopropanol, sterile	●	16 fluid ounces (473 mL) trigger spray	12 polybottles
TX3273	70% Isopropanol, sterile	●	32 fluid ounces (946 mL) trigger spray	12 polybottles
TX3290	70% Isopropanol, sterile	●	1 gallon (3.8 liters) polybottle	4 polybottles

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Description

Texwipe Non-sterile and Sterile 70% Isopropanol solutions contain 70% by volume USP-grade Isopropanol (Isopropyl Alcohol) and 30% USP-purified water.

100% Isopropanol solutions contain 100% Semiconductor grade Isopropanol (Isopropyl Alcohol).

Applications

- Surface cleaning and residue removal
- Cleaning gloves, notebooks, phones or any other item entering the cleanroom
- Wipe down for pass-through to controlled environments
- Ideally suited for use with Texwipe Cleanroom wipers

Industries

Aerospace	Animal Laboratory	Biologics
Cleanroom Design/Build	Compounding Pharmacies	Data Storage
Facilities Maintenance	Industrial	Laboratory
Medical Device	Microelectronics	Pharmaceutical
Printing/Graphics	Semiconductor	USP <797> / USP <800>

Features & Benefits

- Filled in an ISO Class 5 environment
- 0.2 µm filtered and packaged into cleaned containers
- Double-bagged in solvent-safe bags
- Evaporates leaving low residue, no rinse required
- Trigger sprayer bottles are fully assembled and ready-to-use
- Trigger sprayers offer stream delivery or coarse spray
- Meets USP <797> and USP <800> requirements
- Individually lot coded for ease of traceability and quality control

Cleanroom Environment

Non-Sterile

- ISO Class 5 – 8
- Class 100 – 100,000
- EU Grade B – D

Sterile

- ISO Class 3 – 8
- Class 1 – 100,000
- EU Grade A – D

Shelf Life

- Non-Sterile – 3 years from date of manufacture
- Sterile – 2 years from date of manufacture

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Product Characteristics

Property	Non-Sterile, 70%	Non-Sterile, 100%	Sterile, 70%
IPA Quality	Meets requirements of USP grade Isopropanol Alcohol	Meets requirements of Semiconductor grade Isopropanol Alcohol	Meets the requirements of USP grade Isopropanol Alcohol
Water Quality	Meets the requirements of USP grade purified water	N/A	Meets the requirements of USP grade purified water
Appearance	Clear, colorless liquid	Clear, colorless liquid	Clear, colorless liquid
Odor	Characteristic alcohol	Characteristic alcohol	Characteristic alcohol
% IPA Content	68% – 72%	$\geq$ 99.8%	68% – 72%
Specific Gravity	0.872 – 0.883	0.783 – 0.787	0.872 – 0.883
Acidity	Not more than 1.0 mL of 0.02 N Sodium Hydroxide	$\leq$ 0.2 µeq/g	Not more than 1.0 mL of 0.02 N Sodium Hydroxide
NVR	Does not exceed 5 mg in 50 mL (0.01%)	$\leq$ 0.0014 g per 100 mL	Does not exceed 5 mg in 50 mL (0.01%)
Chloride	N/A	$\leq$ 0.2 ppm	N/A
Sodium	N/A	$\leq$ 0.1 ppm	N/A

Note: The data in this table represent typical analyses.

Test Methods: Available upon request. Contact Texwipe Customer Service at www.texwipe.com or info@texwipe.com for a copy.

For non-sterile products:

- Certificate of Compliance and Analysis available for each lot
- TX111, TX161 – filled using Semiconductor grade IPA
- TX117, TX167 – filled using USP grade IPA

For sterile products:

- Certificate of Compliance, Analysis and Irradiation available at Texwipe.com/certificate-center
- Gamma irradiated to a Sterility Assurance Level of 10^{-6} according to AAMI Guidelines
- Sterile Validation Documentation available upon request
- TX3270, TX3273, TX3290 – filled using USP grade IPA

Storage Conditions: Store at ambient conditions, defined as temperatures between 59°F (15°C) and 86°F (30°C).

Since there is a flammable liquid present, please follow all Federal, State, Provincial, local, and internal guidelines.

Texwipe holds an ISO 9001:2015 registration
All Texwipe products conform to GHS classification for labeling (where applicable).
Shipping classification based on weight of inner package.

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