

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Address:
8125 Cobb Center Drive
Kennesaw, GA 30152

Product Information: 800-TECH-401
Customer Service: 800-645-5244

Emergency: (Chemtrec) 800-424-9300
Revision Date: January 10, 2013

Product Identification

IPA Presaturated Wipes
(formerly STENCILWORKS® IPA Presaturated Wipes)

Product Code: SIP100P, IPA100B

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Wt. % Range
Isopropanol	67-63-0	65.0 - 85.0
Deionized Water	7732-18-5	20.0 - 35.0

SECTION 3: HAZARD IDENTIFICATION

Emergency Overview: Clear, colorless liquid with mild hydrocarbon solvent. This product is extremely flammable. Liquid will irritate eyes and skin under repeated or prolonged exposure. Breathing high concentrations of product may produce drowsiness and a headache.

Potential Health Effects:

Eyes: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation.

Skin: Contact causes skin irritation.

Ingestion: Harmful if swallowed. Irritating to the mouth, throat and stomach. May cause vomiting.

Inhalation: Harmful if inhaled. High concentrations in immediate area can displace oxygen and cause dizziness, unconsciousness and even death with longer exposure. Keep people away from such vapors without self-contained breathing apparatus.

Pre-Existing Medical Conditions Aggravated by Exposure: Heart, lung, skin, eye.

SECTION 4: FIRST AID MEASURES

Eyes: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel if irritation develops or persists.

Skin: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.

Ingestion: If swallowed, do not induce vomiting. Keep head below knees to minimize chance of aspirating material into the lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: 68°F (20C) (TCC) **LEL/UEL:** 1.2/7.7 (% by volume in air)

Extinguishing Media: Use alcohol foam, carbon dioxide or water spray when fighting fires involving this material.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus (pressure demand, OSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Large Spills: Shut off leak if possible and safe to do so. Wear self-contained breathing apparatus and appropriate personal protective equipment. Absorb spill with inert material (i.e. dry sand or earth), then place in a chemical waste container for proper disposal. Do not flush to sewer. Avoid runoff into storm sewers and ditches that lead to waterways.

Small Spills: Absorb spill with inert material (i.e. dry sand or earth), then place in a chemical waste container for proper disposal.

SECTION 7: HANDLING AND STORAGE

Avoid prolonged or repeated contact with skin, eyes or clothing. Wash hands before eating. Use with adequate ventilation. Avoid breathing product vapor. Do not reuse this container. Store in a cool dry place, away from heat, sparks or flames. Keep container tightly closed when not in use. Do not store in direct sunlight.

KEEP OUT OF REACH OF CHILDREN.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines:**

CHEMICAL NAME	ACGIH TLV	OSHA PEL	ACGIH STEL
Isopropanol	200 ppm	400 ppm	400 ppm

Work/Hygienic Practices: Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. If vapor concentration exceeds TLV, use NIOSH approved organic vapor cartridge respirator. Wear safety glasses with side shields, goggles and rubber or other chemically resistant gloves when handling this material.

NFPA and HMIS Codes:

	NFPA	HMIS
Health	1	1
Flammability	3	3
Reactivity	1	1
Personal Protection	-	B

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Clear, colorless liquid

Odor: Mild alcohol

pH: NA

Vapor Pressure: 198 mm Hg @ 68°F (liquid)

Vapor Density: 3 (Air = 1)

Boiling Point:: 174F to 178F (79C to 81C)

Solubility in Water: Negligible

Specific Gravity: 0.88 @ 68°F

Evaporation Rate: <1 (Butyl acetate =1)

Viscosity: Not established

Percent Volatile: 100 %

SECTION 10: STABILITY AND REACTIVITY

Stability: This product is stable.

Conditions to Avoid: Do not use near open flames, red hot surfaces or other sources of ignition.

Incompatibility: Do not mix powdered alkali and alkaline earth metals or strong oxidizing agents.

Products of Decomposition: Thermal decomposition may release carbon monoxide, carbon dioxide and incompletely burned hydrocarbons.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

<u>Inhalation:</u>			<u>Ingestion:</u>		
Isopropanol	LC50 rats	12,000 ppm/8 hrs	Isopropanol	LD50 rats	5,800 mg/kg
<u>Skin:</u>			<u>Eyes:</u>		
Isopropanol	Rabbit	MLD	Isopropanol	rabbit	MLD-MOD

Cancer Information: No ingredients listed as human carcinogens by NTP or IARC

Reproductive effects: none

Teratogenic effects: none

Mutagenic effects: none

SECTION 12: ECOLOGICAL INFORMATION**Environmental Impact Information**

Avoid runoff into storm sewers and ditches, which lead to waterways. Water runoff can cause environmental damage.

REPORTING

US regulations require reporting spills of this material that could reach any surface waters. The toll free number for the US Coast Guard National Response Center is: **1-800-424-8802**

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

SECTION 14: TRANSPORTATION INFORMATION**SIP100P**

	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Class</u>	<u>Sub. Risk</u>	<u>Pkg. Group</u>	<u>Hazard Label</u>	<u>Pkg. Instr./Auth.</u>	<u>Max. Quantity</u>
<u>Air:</u>	<u>NOT TO BE SHIPPED BY AIR</u>							
<u>Ground:</u>	Consumer Commodity ORM-D	NA	ORM-D	NA	NA	ORM-D	173.202 173.150	
<u>Ocean:</u>	Solids Containing Flammable Liquids, n.o.s (Isopropanol) LTD QTY	UN3175	3	NA	II	LTD QTY	P002	

IPA100B

	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Class</u>	<u>Sub. Risk</u>	<u>Pkg. Group</u>	<u>Hazard Label</u>	<u>Pkg. Instr./Auth.</u>	<u>Max. Quantity</u>
<u>Air:</u>	Solids Containing Flammable Liquids, n.o.s (Isopropanol)	UN3175	4.1	NA	II	4.1	445	15 kg.
<u>Ground:</u>	Consumer Commodity ORM-D	NA	ORM-D	NA	NA	ORM-D	173.202 173.150	
<u>Ocean:</u>	Solids containing flammable. Liquids, n.o.s (Isopropanol) LTD QTY	UN3175	3	NA	II	LTD QTY	P002	

SECTION 15: REGULATORY INFORMATION**SECTION 313 SUPPLIER NOTIFICATION**

This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

TOXIC SUBSTANCES CONTROL ACT (TSCA). All ingredients of this product are listed on the TSCA Inventory.

WHMIS: Class: B2 Flammable Liquid

Class: D2B Material causing other toxic effects

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16: OTHER INFORMATION

Normal ventilation for standard manufacturing practices is usually adequate. Local exhaust should be used when large amounts are released.

To the best of our knowledge, the information contained herein is accurate. However, all materials may present unknown hazards and should be used with caution. In particular, improper use of our products and their inappropriate combination with other products and substances may produce harmful results which cannot be anticipated. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist.