

1750B  
2-1500DB

CLEANER

25076-1009

**Material Safety Data Sheet**

May be used to Comply with  
OSHA's Hazard Communication Standard 29 CFR 1910.  
Standard must be consulted for specific requirements

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

**Identity** (As Used On Label and List) **538**

5231

Ink Remover

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**

(Address, Street, City, State, & Zip Code)

**HAZARD RATING**

Badger Air-Brush Co.  
9128 West Belmont Ave  
Franklin Park IL 60131

Emergency Telephone Number

1-800-592-1900

Telephone Number for Information

(630) 595-1900

Date Prepared

Revised: 10/26/98

HEALTH

3 0 - Minimal

FLAMMABILITY

2 1 - Slight

REACTIVITY

1 2 - Moderate

3 - Serious

4 - Extreme

Protective Equipment:

Goggles, Gloves, Vapor Respirator

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

Hazardous Components (Specify Chemical Identity, Common Names)

OSHA PEL

ACGIH TLV

Other Limits

Recommended % (optional)

Butyl Cellosolve, 2-Butoxyethanol, CAS# 111-76-2  
Subject to the reporting requirements of Sec.313 of SARA Title III of 40  
CFR 372.

50 ppm

25 ppm

N/A

70 %

Morpholine, CAS# 110-91-8

20 ppm

20 ppm

N/A

**Section III—Physical Chemical Characteristics**

Boiling Point

340.2YF

Specific Gravity (WATER =1)

0.944

Vapor Pressure

0.6 mm Hg

Melting Point

N/A

Vapor Density

4.1 (Air=1)

Evaporation Rate

0.08 (Butyl Acetate=1)

Solubility in Water

Complete

Appearance and Odor

clear yellow liquid with butyl odor.

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

Flash Point

150YF (T.C.C.)

Flammable Limits

LEL

1.1

UEL

10.6

Extinguishing Media

Use water spray, carbon dioxide, dry chemical, alcohol type, or universal type foams applied by manufacturers' recommended techniques.

Special Fire Fighting Procedures

Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards

Do not expose to heat, flame, sparks, or other sources of ignition. Vapors may be flammable and travel long distances.

**Section V—Reactivity Data**

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Ink Remover

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Stability	Unstable	Conditions to Avoid Heat, sparks, open flame.		
	Stable			
	X			
Incompatibility (Materials to Avoid)	Avoid contamination with alkalies and acids.			
Hazardous Decomposition or Byproducts	Burning can produce carbon monoxide and/or carbon dioxide.			
Hazardous Polymerization	May Occur		Conditions to Avoid	None
	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)**

Acute: Eyes- causes moderate irritation and possible corneal injury. Skin- may cause slight reddening. Inhalation- may cause headache, dizziness, nausea, vomiting, diarrhea. Ingestion- May cause nausea, vomiting, diarrhea.  
 Chronic: repeated overexposure may lead to liver and kidney damage.

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
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Signs and Symptoms of Exposure	Eye and skin irritation. Headache, dizziness, nausea, vomiting, diarrhea.
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Medical Conditions Generally Aggravated	Repeated overexposure may cause hemolysis of red blood cells leading to possible liver and kidney damage.
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Emergency and First Aid Procedures	Eyes-Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention without delay. Skin- flush with water. If irritation persists, call a physician. Ingestion-get medical attention. Inhalation-remove to fresh air.
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**Section VII—Precautions For Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled	Wear suitable protective equipment. Small spills should be flushed with large quantities of water. For larger spills, absorb with clay-type absorbent and sweep to containment area.
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Waste Disposal	In accordance with federal, state and local regulations.
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Precautions to be Taken in Handling and Storage	Avoid breathing vapor. Keep away from heat and flame. Avoid contact with eyes, skin, and clothing. Keep container closed when not in use. Use with adequate ventilation.
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Other Precautions	Keep away from children.
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**Section VIII—Control Measures**

Respiratory Protection (Specify Type)	Use a NIOSH/MSHA jointly approved air supplied respirator if the TLV of the product or any of its ingredients is exceeded.
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Ventilation	Local Exhaust	Only if mechanical is inadequate	Special	N/A
	Mechanical (General)	Satisfactory	Other	N/A

Protective Gloves	Rubber or PVC	Eye Protection	Goggles
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Other Protective Clothing or Equipment	Eye Wash Station	Work / Hygienic Practices	Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.
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Material Safety Data Sheet



SECTION 1: Chemical Product and Company Identification

Manufacturer: Cumberland Swan  
One Swan Drive  
Smyrna, TN 37167

Date: March 2000

TATTOO CLENER  
& PREP PAD.S

→ Product: Isopropyl Alcohol (IPA)

50%, 70%, 91% and 99% IPA

Telephone: (615) 459-8900  
24hr Emergency: (615) 459-8900 ext. 5270

SECTION 2: Composition/Information on Ingredients

Name: Isopropanol, IPA, 2-Propanol, Dimethyl Carbinol CAS#: 67-63-0

SECTION 3: Hazards Identification

Colorless, volatile liquid with the odor of rubbing alcohol. Isopropyl Alcohol is a dangerous fire risk. Prolonged exposure to elevated concentrations of vapors may result in irritation of the eyes, nose, and throat and central nervous system (CNS) depression. Prolonged dermal exposure can result in dry, cracking skin.

Potential Routes of Exposure: Ingestion, inhalation, dermal contact, eye contact

Target Organs: Eyes, skin, respiratory system

Symptoms of Overexposure:

- Inhalation: Mild irritation of eyes, nose and throat.
- Ingestion: Drowsiness, headache
- Dermal Contact: Dry, cracking skin
- Acute Effects: Irritation of skin and/or upper respiratory tract as noted above. Acute CNS depression may be manifested as giddiness, headache, dizziness and/or nausea.
- Chronic Effects: Chronic exposure can result in skin irritation and contact dermatitis. Pre-existing disorders of the skin, eyes, and respiratory tract may be exacerbated by exposure to isopropyl alcohol.

HMSIS: H=1, F=3, R=0 See Section 8 for PPE information

SECTION 4: First Aid Measures

- Eye: Flush eyes with copious amount of water for at least 15 minutes
- Skin: Flush with water. If irritation persists, seek medical attention.
- Ingestion: Do not induce vomiting if victim is unconscious or drowsy. Seek medical attention or contact the poison control center.
- Inhalation: Remove victim to fresh air and provided oxygen if breathing is difficult. Seek Medical attention if breathing continues to be difficult.

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**SECTION 5: Fire Fighting Measures**

**Extinguishing Media:** Use water fog, alcohol foam, dry chemical or CO2  
**Unusual Fire or Explosion Hazards:** Containers exposed to intense heat from fires should be cooled with large amounts of water to prevent buildup of internal pressure due to vapor generation which could result in container rupture.  
**Recommendations:** Clear area of unprotected personnel. Wear complete turnout gear. Cool containers exposed to fire with water.

**SECTION 6: Accidental Release Measures**

**Large Spills:** Eliminate all ignition sources. Equipment must be grounded to prevent sparking. Evacuate the area of unprotected personnel. Contain source of spill. Dike or otherwise confine spilled product. Uncontrolled releases to air, land, or water may be reportable to the National Response Center (1-800-424-8802).  
**Small Spills:** Take up with absorbent material and place in non-leaking container; seal tightly. Dispose of absorbent (see section 13)

**SECTION 7: Handling and Storage**

**Storage Requirements:** Store in tightly closed containers in a cool, dry area away from heat and other possible ignition sources.  
**Handling precautions:** Use non-sparking tools to open containers. Maintain appropriate class of fire extinguishers nearby in case of fire.

**SECTION 8: Exposure Controls / Personal Protection**

OSHA PEL=400ppm OSHA STEL=500ppm IDLH=12,000ppm  
**Recommended Engineering Controls:** Use explosion-proof ventilation equipment as necessary to maintain airborne concentrations below the PEL. Ground all containers to prevent static sparks during fluid transfers.  
**Recommended Admin Controls:** Train employees on the hazards of Isopropyl Alcohol  
**PPE:** Goggles, gloves, NIOSH approved respiratory protection required when above PEL/TWA  
**Recommended Hygiene Practices:** Clean PPE and work clothing contaminated prior to reuse. After working with this product, be sure to wash before eating, smoking, drinking, or applying cosmetics.

**SECTION 9: Physical and Chemical Properties**

**Appearance:** Colorless Liquid UEL: 12% LEL: 2%  
**Odor:** Mild Rubbing Alcohol Odor Threshold: 43ppm Water solubility: Miscible

	50%IPA	70%IPA	91%IPA	99%IPA
Vapor Pressure (@ 68°F) approx.	29mm	23mm	33mm	33mm
Specific Gravity	.929	.878	.790	.790
Boiling Point	176 °F	176 °F	180 °F	181 °F
Flash Point (TAG Open Cup)	74.5 °F	70.5 °F	54 °F	53 °F
Freezing Point	-32-50 °C	-32-50 °C	-32-50 °C	-127 °F
Molecular Weight	47.5	47.5	47.5	60.1
Auto Ignition Temperature	No Data	No Data	No Data	750 °F

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**SECTION 10: Stability and Reactivity**

Stability: Stable  
 Polymerization: Will not occur  
 Incompatible Chem: Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids, isocyanates  
 Conditions to avoid: Heat, sparks, and open flame.  
 Do Not store in aluminum > 120 ° F  
 Hazardous Products: CO and unidentified organic compounds may be formed of Decomposition

**SECTION 11: Toxicological Information**

LD50: 5,840 mg/kg (acute oral - rat); 13,000 mg/kg (acute dermal - rabbit)  
 LD50: 16,000 ppm/8hr (inhalation - rat) Mutagenicity: Not Indicated  
 LD<sub>10</sub>: 5,000 mg/kg (oral - rabbit) Reproductive Effects: Not Indicated  
 Carcinogenicity: Not identified as a carcinogen by OSHO, IARC, or NTP

**SECTION 12: Ecological Information**

Ecotoxicity: N/A Environmental Fate: N/A  
 Soil Absorption/Mobility: Highly Mobile  
 Environmental Degradation: Should be removed readily from soils and water by volatilization and biodegradation.

**SECTION 13: Disposal Considerations**

Disposal: Contact your supplier or a licensed contractor for detailed recommendations.  
 Disposal regulatory Requirements: Follow applicable Federal, state, and local regulations. Consider fuels blending as an alternative to incineration.

**SECTION 14: Transport Information**

DOT Shipping Name: Isopropanol DOT Packing Group: II  
 DOT Hazard Class: 3 DOT Label: Flammable Liquid  
 UN ID#: UN 1219

**SECTION 15: Regulatory Information**

RCRA Hazardous Waste Number/ Classification: D001 CERCLA Substance: N/A  
 HAZARDOUS AIR POLLUTANT (CAA): No SARA 311/312 Codes: N/A  
 SARA Toxic Chemical: Yes, (Strong manufacturing only)  
 CERCLA Reportable Quantity: 10,000 lbs (Default)

**SECTION 16: Other Information**

Prepared by: Cumberland Swan  
 Sources of Information: 29 CFR 1910.1000; NIOSH Pocket Guide to Chemical Hazards (1993); Occupational Health Guidelines for Chemical Hazards; NFPA Guide to Hazardous Materials - 10th Edition.  
 Disclaimer: While reasonable care has been taken to ensure the accuracy and completeness of the information regarding the material described herein, it is the purchaser's responsibility to ensure the suitability of such information as it applies to the purchaser's intended use of the material.

**Isopropyl Alcohol MSDS Page 3 of 3**

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## TOTALLY TATTOO BODY PAINT

**MATERIAL SAFETY DATA SHEET****STATEMENT OF HAZARDOUS NATURE**

Classified as hazardous according to the criteria of Worksafe Australia

**COMPANY DETAILS**

Company: BADGER AIR-BRUSH CO.  
 Address: 9128 W. BELMONT AVE  
 Fax Number: 847-671-4352  
 Telephone Number: 847-671-4352

**IDENTIFICATION**

**Product Name:** Airbrush Ink (Assorted Colours)  
 For use on skin as a temporary tattoo.

**UN Number:** None Allocated  
**Hazchem Code:** None Allocated  
**Dangerous Goods**  
**Class and Sub-risk:** 3  
**Poisons Schedule:** 5  
**Packing Group:** II

**Physical Description/Properties**

**Appearance:** Coloured liquid with a thick density of various colours  
**Flash Point (°C):** 15.5  
**Boiling Point:** 78.3°  
**Specific Gravity:** ~0.8  
**pH:** Not pertinent  
**Vapour Density:** >1

**Solubility (Water):** Miscible  
**Vapour Pressure:** ~44mmHg  
**Volatiles:** 100  
**Melting Point:** -117.3°C

**Ingredients**

**Chemical Entity:**  
 Ethyl Cellulose  
 Water  
 Castor Oil  
 Dewaxed Shellac  
 Pigment  
 Sucrose Acetate Isobutyrate  
 Ethyl Alcohol

**Cas No:**  
 9004-57-3  
 7732-18-5  
 8001-79-4  
 9000-14-0  
 Various  
 34482-63-8  
 64-17-5

**Made with FDA approved ingredients**

**HEALTH HAZARD INFORMATION****Acute Effects**

**Ingestion:** Irritating. May cause coughing, headache, dullness, abdominal spasm and diarrhoea.

**Eye:** Liquid and high vapour concentration are irritating and may cause watering of the eyes.

**Inhalation:** High vapour concentration can be irritating to eyes nose and throat.

**Skin Reactions:** No adverse reactions, redness, discoloration or allergic reactions known or reported for exposure during or after the 12 -72 hour tattoo period.

**Advice to doctor:** Treat Symptomatically

**FIRST AID PROCEDURES**

**Ingestion:** Rinse mouth out with water ensuring that mouth wash is not swallowed. Give about 250ml (2 glasses) of water to drink. Do not attempt to induce vomiting.

**Eye:** Hold eyelids open and rinse the eye continuously with a gentle stream of clean running water for at least 15 minutes.

**Inhalation:** Remove to fresh air. If breathing is laboured, hold in a half upright position (this assists respiration). Seek medical attention for all but most minor cases of over-exposure.

**Skin & Allergic Reactions:** Remove the tattoo with 70% isopropyl alcohol cleaning pad or cotton balls. For skin dryness apply non-allergenic moisturizing cream.

**Advice to Doctor:** Treat symptomatically.

**PRECAUTIONS FOR USE**

**Engineering Controls:** Ventilation requirements depend on the quantity of product in use and the method of application. Ventilation should be sufficient to maintain vapour levels below the appropriate exposure Standard. Use only in well ventilated areas unless forced air ventilation is employed, this is due to fire hazard as well as risks from inhalation. Local exhaust ventilation may be required.

**Personal Protection:** Requirements are dependent on working conditions, quantity of product in use and method of application. In confined or poorly ventilated areas use a face mask.

**Flammability:** Avoid all sources of ignition such as open flames, sparks, hot surfaces or burning cigarettes. The product may react with strong oxidising agents such as liquid or powdered chlorine.

**Body Paint Use:** Do not spray directly on eyes, nose, mouth, lips or ears. Not recommended for face painting.

**SAFE HANDLING PROCEDURES**

**Storage:** Store in a flammable liquids area: designated no smoking, away from all sources of ignition, out of direct sunlight in a cool well ventilated area. Protect containers against physical damage.

**Spills and Disposals**

**Spills:** Dam the spill. Cover with an absorbent such as earth, sand or a commercial oil absorber. Sweep up and collect in sealable containers. Dispose to approved land fill.

**Disposal:** Dispose to controlled waste management.

**Fire/Explosion:** Containers may explode if heated. If possible remove containers from vicinity of fire. Otherwise keep containers as cool as possible by spraying with water, from a protected position.

Water is not effective for fire fighting. Extinguish using foam, powder (bicarbonate or ammonium phosphate based) or carbon dioxide.

**OTHER INFORMATION**

**Contact Points**

Police and Fire Brigade

Dial

**Australia**

0 0 0

National Poisons Information Centre

Dial

13 1126

Customer Service

Dial

(03) 9746 8055

This MSDS summarises to the best of our knowledge of the health and safety hazard information of our product in the workplace. Each user must review this MSDS in the context of how the product will be handled and used in the workplace, and the amounts that will be used. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company, so we can attempt to obtain additional information from our suppliers.