

Subject: Request for Material Safety Data Sheet

Call to Candy on 7th March 2011 at 15.35Est, She told to send the request for msds by fax 515-265-0259.

So, we sent below request draft.

I am requesting an MSDS for a product used by a client of mine, [Pender Community Hospital]. Could you please send us the latest compliant MSDSs for the following product?


The products is as follow:

1. Product Name: Barsol A-3709
Product Number: A-3709

It can be emailed or faxed to 866-379-6189. Please find attached an authorization letter from <" Pender Community Hospital ">. Please feel free to contact me if you have questions or require additional information.

Sincerely,

[BPS MSDS ACQUISITION TEAM
MSDSonline
350 North Orleans Street, Suite 950
Chicago, Illinois 60654
Fax: 866-379-6189
Email: sourcing@bpsllc.net

please Fax.


Material Safety Data Sheet

Barsol A-3709



1. Product and Company Identification

Product name : Barsol A-3709
 Supplier : Barton Solvents, Inc.
 1920 NE Broadway PO Box 221
 Des Moines, IA 50306-0221
 (515) 265-7998
 Code : 60062260 / 96022910
 Date Revised : 3/8/06; 2/13/08
 Responsible name : **Barton Solvents, Inc.**
 In case of emergency : CHEMTREC (800) 424-9300

2. Hazards Identification

Physical state : Liquid.
 Odor : Glycol
 OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
 Emergency overview : Caution!
 CONTAINS MATERIAL WHICH MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: KIDNEYS, NERVOUS SYSTEM.
 Routes of entry : Inhalation, Ingestion.

Potential acute health effects

Inhalation : Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath.
 Ingestion : POISON. MAY BE FATAL IF SWALLOWED.
 Skin : This product may irritate skin upon contact.
 Eyes : This product may irritate eyes upon contact.

Potential chronic health effects

Chronic effects : Contains material that may cause target organ damage, based on animal data.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Teratogenicity : No known significant effects or critical hazards.
 Developmental effects : No known significant effects or critical hazards.
 Fertility effects : No known significant effects or critical hazards.
 Target organs : Contains material which may cause damage to the following organs: kidneys, the nervous system, liver, gastrointestinal tract, upper respiratory tract, central nervous system (CNS).

See toxicological information (section 11)

3. Composition/Information on Ingredients

1) Ethylene glycol	107-21-1	40
--------------------	----------	----

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Barsol A-3709

4. First Aid Measures

- Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Inhalation : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Ingestion : If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
- Notes to physician : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-Fighting Measures

Flammability of the product : No specific hazard.

Extinguishing media

- Suitable : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable : None known.
- Hazardous combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
- Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

- Personal precautions : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Large spill : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.
- Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Barsol A-3709

7. Handling and Storage

- Handling : Wash thoroughly after handling.
 Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure Controls/Personal Protection

<u>Product name</u>	<u>Exposure limits</u>
Ethylene glycol	ACGIH TLV (United States). STEL: 100 mg/m ³
Recommended monitoring procedures	: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
Engineering measures	: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
<u>Personal protection</u>	
Respiratory	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Hands	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Eyes	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Skin	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and Chemical Properties

Physical state	: Liquid.
Color	: Clear
Odor	: Glycol
pH	: Neutral.
Boiling/condensation point	: Lowest known value: 100°C (212°F) (Water). Weighted average: 138.88°C (282°F)
Melting/freezing point	: May start to solidify at the following temperature: 0°C (32°F) This is based on data for the following ingredient: Water. Weighted average: -5.4°C (22.3°F)
Relative density	: Weighted average: 1.04 (Water = 1)
Vapor pressure	: Highest known value: 2.3 kPa (17.2 mm Hg) (at 20°C) (Water). Weighted average: 1.38 kPa (10.35 mm Hg) (at 20°C)
Vapor density	: Highest known value: 2.1 (Air = 1) (1,2-Ethanediol). Weighted average: 1.44 (Air = 1)
Volatility	: 100% (v/v)
VOC	: 40 (%)

Barsol A-3709**9 . Physical and Chemical Properties**

Dispersibility properties : See solubility in the following materials: water, methanol, diethyl ether, acetone.

10 . Stability and Reactivity

Stability : The product is stable.

Conditions to avoid : No specific data.

Materials to avoid : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous polymerization : Will not occur.

Conditions of reactivity : Slightly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
Non-flammable in the presence of the following materials or conditions: oxidizing materials, reducing materials, combustible materials and moisture.

11 . Toxicological InformationAcute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Ethylene glycol	LD50 Dermal	Rabbit	9530 mg/kg	-
	LD50 Oral	Rat	4700 mg/kg	-

Conclusion/Summary : Not available.

Chronic toxicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

12 . Ecological Information

Environmental effects : No known significant effects or critical hazards.

Aquatic ecotoxicity

Conclusion/Summary : Not available.

Biodegradability

Conclusion/Summary : Not available.

Octanol/water partition coefficient : The product is much more soluble in water.

Bioconcentration factor : Not available.

Toxicity of the products of biodegradation : The product itself and its products of degradation are not toxic.

Barsol A-3709


13 . Disposal Considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14 . Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	NA3082	Other Regulated Substances, Liquid, N.O.S. (Ethylene glycol)	9	III		-

PG* : Packing group

15 . Regulatory Information

HCS Classification : Target organ effects

U.S. Federal regulations : **United States inventory (TSCA 8b):** All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: Barsol A-3709

SARA 311/312 MSDS distribution - chemical inventory - hazard identification:
Barsol A-3709: Immediate (acute) health hazard, Delayed (chronic) health hazard

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

SARA 313

	Product name	CAS number	Concentration
Form R - Reporting requirements	: Ethylene glycol	107-21-1	40

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

United States inventory (TSCA 8b) : **United States inventory (TSCA 8b):** All components are listed or exempted.

16 . Other Information

Label requirements : CONTAINS MATERIAL WHICH MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: KIDNEYS, NERVOUS SYSTEM.

Hazardous Material Information System (U.S.A.) :

	1
Flammability	0
	0

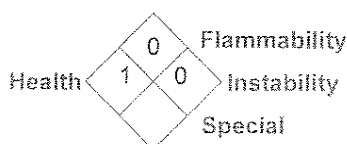
Barsol A-3709

16 . Other Information

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.) :



Other special considerations : MSDS Update 3/8/06; Inventory Blend Number Added 2/13/08

Date of printing : 2/13/2008.

Date of issue : 2/13/2008.

Date of previous issue : No previous validation.

Version : 1

Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.