

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

075895313

N/A

**MATERIAL SAFETY DATA SHEET: Bausch Arti Spot 3**

**IDENTITY:** Trade Name: Bausch Arti Spot 3 CODE: BK 87 (Blue)  
Chemical Description: Organic solvents (Ethanol, Propanol, Ethyl-Acetate), Glycerin, Natural resins, C.I. Pigment Blue 15 (FD&C Blue 1), Zinc stearate, Thickener, Camphor  
Product Use: Dental material: High spot indicator for crowns.

**SECTION I**

**Manufacturer:** Dr. Jean Bausch KG  
Oskar-Schindler-Str. 4  
D-50769 Cologne, Germany  
Tel: 49 221 70936-0 /  
Fax: 49 221 70936-666262  
Date Prepared: September 1, 2007

**Distributor:**  
Pulpdent Corporation  
80 Oakland Street  
Watertown, MA 02472 USA  
Tel.: 1-800-3434342 / 1-617-926-6666 Fax: 1-617-926-6666  
24 hour Emergency Number: 1-800-535-5053

**SECTION II - HAZARDOUS INGREDIENTS**

| <i>Ingredients</i> | <i>PEL/TLV</i> | <i>UN Number</i> |
|--------------------|----------------|------------------|
| Ethyl alcohol      | 1000 ppm       | 1170             |
| Ethyl acetate      | 740 ppm        | 1173             |
| Propyl alcohol     | 515 ppm        | 1274             |

DOT HAZARD CLASSIFICATION: Class 3 / Packing group II / Flammable liquid  
WHMIS CLASSIFICATION: B-2, Flammable liquid  
NFPA HMIS RATING: HEALTH: 0 FLAMMABILITY: 3 REACTIVITY: 0

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

|                                |                         |                       |
|--------------------------------|-------------------------|-----------------------|
| Boiling Point: 192°F / 89.4°C  | Specific Gravity: 0.81  | Vapor Pressure: 44.6  |
| Melting Point: -173°F / -114°C | Vapor Density: n/a      | Evaporation Rate: 2.8 |
| Solubility in water: Partial   | Odor Threshold: 159 ppm |                       |

Appearance / Odor: Blue liquid with characteristic alcohol / camphor odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

WARNING! FLAMMABLE. Avoid heat, sparks, flame, other ignition sources. Vapor forms flammable mixtures with air.  
Flash Point: 43°F / 6°C (Tag closed cup) Autoignition Temperature: 423°C; Flam. Limits: LEL: 2.1 UEL: 13.5  
Extinguishing Media: Dry chemical, alcohol foam, carbon dioxide. Water will keep fire-exposed containers cool.  
Special Fire Fighting Procedures: If a leak/spill has not ignited, use water spray to disperse vapors and protect personnel. Water spray may be used to flush spills away and to dilute spills to nonflammable mixtures.  
Hazardous Combustion Products: Incomplete combustion may produce carbon monoxide / carbon dioxide.  
Unusual Fire and Explosion Hazards: To protect from smoke, fumes, hazardous decomposition products, firefighters should wear self-contained breathing apparatus in positive pressure mode with full face piece.

**SECTION V - REACTIVITY DATA**

Stability: Generally stable. Conditions to avoid: Heat, flame, sparks.  
Incompatibility: Avoid acetyl chloride and oxidizing agents which may react violently with this material.  
Hazardous Decomposition Products: Incomplete combustion produces carbon monoxide / carbon dioxide.  
Hazardous Polymerization: None. Conditions to avoid: None

**SECTION VI - HEALTH HAZARD DATA**

Summary of Acute Hazards: Minimal health hazard in normal use and in the quantities present in this product. For larger quantities and with prolonged exposure, ethyl alcohol is considered a moderate health hazard.

**MATERIAL SAFETY DATA SHEET: Bausch Arti Spot 3**

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| Route of Exposure | Signs & Symptoms                                                                                                                            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation        | None in normal conditions of use. Exposure > 1000 ppm may cause headache, drowsiness, loss of appetite, confusion, irritation of throat.    |
| Eye Contact       | Liquid or vapor may cause irritation.                                                                                                       |
| Skin absorption   | None in normal conditions of use. However, for large quantities and prolonged contact, similar symptoms to inhalation/ ingestion may occur. |
| Skin Contact      | May cause irritation and defatting of skin on prolonged contact.                                                                            |
| Ingestion         | None in small quantities of normal use. Large quantities may cause depression of central nervous system, nausea, vomiting and diarrhea.     |

*Summary of Chronic Health Hazards:* Not a chronic health hazard under the normal conditions of use. Large quantities ingested over a prolonged period may be carcinogenic or a cause of Fetal Alcohol syndrome.

**Carcinogenicity** Not a carcinogen under normal conditions of use. The IARC has reported a relationship between abuse of alcoholic beverages and cancer of the oral cavity, pharynx, esophagus and liver.

**Teratogenicity, Mutagenicity, Reproductive Toxicity:** Ingestion of alcohol by pregnant women is associated with Fetal Alcohol Syndrome in offspring.

**Emergency First Aid Procedures:**

|              |                                                                                                                                                                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Remove to fresh air. If victim has stopped breathing, give artificial respiration. Get immediate medical attention.                                                                                                                                       |
| Eye contact  | Flush immediately with water for 15+ minutes. Seek medical care.                                                                                                                                                                                          |
| Ingestion    | Large quantities: If conscious and able to swallow, have victim drink water or milk to dilute. Never give anything by mouth to unconscious or convulsing person. Call a physician or Poison Control Center at once. Induce vomiting only on their advice. |
| Skin contact | Immediately flush with cool water. Get medical attention for irritation.                                                                                                                                                                                  |

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**

**Handling / Storage Precautions:** For small quantities: Store tightly capped in original container in a well-ventilated area; avoid heat, sparks, direct sunlight, oxidizing agents. Protect container against physical damage. Take same precautions when container is emptied, as residual product is hazardous.

**Steps to Be Taken if Material is Released or Spilled:** For small quantities: Wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth towels. Rinse towels and area of spill with water. Place all absorbent material in closed container away from heat, sparks, sun and oxidizers.

**Waste Disposal Method:** Follow all government regulations. **Other Precautions:** Wash hands after use.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** Not necessary under normal conditions of use.

**Ventilation:** No special ventilation required under normal conditions of use. Large quantities and prolonged exposure require methods such as enclosure, local ventilation and dilution to reduce concentration below TLV.

**Protective Gloves:** Chemically impervious gloves are recommended.

**Eye Protection:** Safety glasses are recommended when no eye contact is anticipated. Chemical safety goggles should be worn whenever there is possibility of splashing or other contact with eyes.

**Other Protective Clothing or Equipment:** Emergency eye wash fountain.

**Work / Hygienic Practices:** Wash hands after use.

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*The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Dr. Jean Bausch KG bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.*

**Safety Data Sheet**  
**According to Hazard Communication Standard (29 CFR 1910.1200)**

Arti-Spot Frühkontaktindikator BK 87

Issue date: 02/06/2015

Version 1.0

Revision date: 02/06/2015

## 1. Identification

**Product name** Arti-Spot Frühkontaktindikator BK 87  
**Synonyms** -  
**CAS #** See section 3  
**Product code** -  
**Product use** Indicator solution. Paint.  
**Manufacturer/Supplier**  
**Supplier(Manufacturer):** Dr. Jean Bausch GmbH & Co. KG  
**Address:** Oskar-Schindler-Str. 4, D-50769 Köln  
**Contact person(E-mail):** info@BauschDental.de  
**Telephone:** +49 (0)221-70936-0  
**Fax:** +49 (0)221-70936-66  
**Emergency telephone Number:** +49 30 19240 (D-13437 Berlin, 24 hour)

## 2. Hazard(s) identification

### GHS classification

|                              |                                                      |             |
|------------------------------|------------------------------------------------------|-------------|
| <b>Physical hazards</b>      | Flammable liquids                                    | Category 1  |
| <b>Health hazards</b>        | Serious eye damage/eye irritation                    | Category 2A |
|                              | Specific target organ toxicity after single exposure | Category 3  |
| <b>Environmental hazards</b> | Not classified                                       |             |

### GHS label elements

#### Hazard Pictograms



**Signal word** Danger

**Hazard statement** Extremely flammable liquid and vapor.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.

### Precautionary statement

**Prevention** Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
Keep container tightly closed.  
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 breathing dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.

**Response**

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a poison center /doctor if you feel unwell.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use CO<sub>2</sub>, extinction powder, water jet spray, alcohol resistant foam for extinction.

**Storage**

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

**Disposal**

Dispose of contents/container in corroding with local regulation.

**3. Composition / information on ingredients**

| Components    | CAS#     | Percent |
|---------------|----------|---------|
| ethanol       | 64-17-5  | 30-40%  |
| ethyl acetate | 141-78-6 | 20-30%  |
| diethyl ether | 60-29-7  | 10-<25% |
| butanone      | 78-93-3  | 0-1%    |

**4. First-aid Measures****First aid procedures****Eye contact**

Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**Skin contact**

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor. Unsuitable cleaning product: Solvent, thinners.

**Inhalation**

Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms. If the person is unconscious, place in a stable side position and consult a doctor.

**Ingestion**

Rinse the mouth thoroughly with water. Do not induce vomiting - give copious water to drink. Consult doctor immediately. Danger of aspiration.

**Notes to physician**

Treat symptoms.

**5. Fire-fighting measures****Flammable properties**

Extremely flammable.

**Extinguishing media****Suitable extinguishing media**

Carbon dioxide, extinction powder, water jet spray, alcohol resistant foam.

**Unsuitable extinguishing media**

High volume water jet.

**Firefighting equipment/instructions**

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.

**Hazardous combustion products**

Oxides of carbon, oxides of nitrogen, toxic pyrolysis products, explosive vapour/air

mixture, dangerous vapours heavier than air.

## 6. Accidental release measures

### Personal precautions

Remove possible causes of ignition - do not smoke. Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping. For personal protection see section 8.

### Environmental precautions

If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system. If accidental entry into drainage system occurs, inform responsible authorities.

### Methods for cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13. Use no flammable substances. Fill the absorbed material into lockable containers. Keep moist. Do not let the solution dry up. Flush residue using copious water.

## 7. Handling and storage

### Handling

Avoid inhalation of the vapours. Ensure good ventilation. Keep away from sources of ignition - Do not smoke. Take measures against electrostatic charging, if appropriate. Avoid contact with eyes or skin. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use. Use working methods according to operating instructions. For precautions see section 2.2.

### Storage

Keep out of access to unauthorised individuals. Not to be stored in gangways or stair wells. Store product closed and only in original packing. Do not store with flammable or self-igniting materials. Store in a well-ventilated place. Protect from direct sunlight and warming. Store at room temperature. Do not store over 30°C.

## 8. Exposure controls / personal protection

### Control parameters:

### OCCUPATIONAL EXPOSURE LIMITS (OEL)

#### INGREDIENT DATA:

| Source                                                | Ingredient    | TWA                  | STEL          | Peak          |
|-------------------------------------------------------|---------------|----------------------|---------------|---------------|
| US OSHA Permissible Exposure Levels (PELs) - Table Z1 | ethanol       | 1900 mg/m3 /1000 ppm | Not Available | Not Available |
| US ACGIH Threshold Limit Values (TLV)                 | ethanol       | Not Available        | 1000 ppm      | Not Available |
| US NIOSH Recommended Exposure Limits (RELs)           | ethanol       | 1900 mg/m3 /1000 ppm | Not Available | Not Available |
| US OSHA Permissible Exposure Levels (PELs) - Table Z1 | ethyl acetate | 1400 mg/m3 /400 ppm  | Not Available | Not Available |
| US ACGIH Threshold Limit Values (TLV)                 | ethyl acetate | 400 ppm              | Not Available | Not Available |

|                                                       |               |                     |                    |               |
|-------------------------------------------------------|---------------|---------------------|--------------------|---------------|
| US NIOSH Recommended Exposure Limits (RELs)           | ethyl acetate | 1400 mg/m3 /400 ppm | Not Available      | Not Available |
| US OSHA Permissible Exposure Levels (PELs) - Table Z1 | diethyl ether | 1200 mg/m3 /400 ppm | Not Available      | Not Available |
| US ACGIH Threshold Limit Values (TLV)                 | diethyl ether | 400 ppm             | 500 ppm            | Not Available |
| US NIOSH Recommended Exposure Limits (RELs)           | diethyl ether | Not Available       | Not Available      | Not Available |
| US OSHA Permissible Exposure Levels (PELs) - Table Z1 | butanone      | 590 mg/m3 /200 ppm  | Not Available      | Not Available |
| US ACGIH Threshold Limit Values (TLV)                 | butanone      | 200 ppm             | 300 ppm            | Not Available |
| US NIOSH Recommended Exposure Limits (RELs)           | butanone      | 590 mg/m3 /200 ppm  | 885 mg/m3 /300 ppm | Not Available |

#### EMERGENCY LIMITS:

| Ingredient    | TEEL-1        | TEEL-2        | TEEL-3        |
|---------------|---------------|---------------|---------------|
| ethanol       | Not Available | Not Available | Not Available |
| ethyl acetate | 400 ppm       | 400 ppm       | 10000 ppm     |
| diethyl ether | 500 ppm       | 500 ppm       | 19000 ppm     |
| butanone      | Not Available | Not Available | Not Available |

| Ingredient    | Original IDLH    | Revised IDLH     |
|---------------|------------------|------------------|
| ethanol       | 15,000 ppm       | 3,300 [LEL] ppm  |
| ethyl acetate | 10,000 ppm       | 2,000 [LEL] ppm  |
| diethyl ether | 19,000 [LEL] ppm | 1,900 [LEL] ppm  |
| butanone      | 3,000 ppm        | 3,000 [Unch] ppm |

#### Exposure controls:

##### Appropriate engineering controls:

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

##### Individual protection measures, such as personal protective equipment:

##### Eye / face protection

Tight fitting protective goggles (EN 166).

##### Skin protection

Solvent resistant protective gloves (EN 374). If applicable, safety gloves made of butyl (EN 374), protective Neoprene® / polychloroprene gloves (EN 374), protective nitrile gloves (EN 374), protective hand cream recommended. Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

##### Respiratory protection

Normally not necessary. If OES or MEL is exceeded. Gas mask filter A (EN 14387), code colour

**General hygiene considerations**

brown. Observe wearing time limitations for respiratory protection equipment.  
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. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

## 9. Physical and chemical properties

### Appearance

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Physical state                                 | Liquid                                                    |
| Form                                           | Liquid                                                    |
| Color                                          | Blue                                                      |
| Odor                                           | Alcoholic, Characteristic                                 |
| Odor threshold                                 | Not available                                             |
| pH                                             | Not available                                             |
| Vapor pressure                                 | Not available                                             |
| Melting point/Freezing point                   | Not available                                             |
| initial boiling point and boiling range        | Not available                                             |
| Flash point                                    | -28,5 °C (ISO 1523 (Rapid Equilibrium, closed cup, RECC)) |
| Evaporation rate                               | Not available                                             |
| Flammability (solid, gas)                      | 200 °C (Ignition temperature )                            |
| Explosion limits                               | Lower: 2,1 Vol-% upper: 13,5 Vol-%                        |
| Vapor density                                  | Not available                                             |
| Relative density                               | Not available                                             |
| Solubility (water)                             | Insoluble                                                 |
| Partition coefficient                          | Not available                                             |
| Auto-ignition temperature                      | Not available                                             |
| Decomposition temperature                      | Not available                                             |
| Specific gravity                               | Not available                                             |
| Density                                        | 0,902 g/ml                                                |
| Flammability limits in air, upper, %by volume  | Not available                                             |
| Flammability limits in air, lower, % by volume | Not available                                             |
| VOC                                            | Not available                                             |
| Percent volatile                               | Not available                                             |
| Other data                                     |                                                           |
| Viscosity                                      | Not available                                             |

## 10. Stability and reactivity

|                                  |                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                       | Can form explosive peroxides.                                                                                                                     |
| Chemical stability               | Explosive when dry.                                                                                                                               |
| Conditions to avoid              | Incompatible materials. Heating, open flame, ignition sources, electrostatic charge.<br>Protect from direct sunlight. Product is light sensitive. |
| Incompatible materials           | Avoid contact with strong oxidizing agents, strong acids, alkali metals.                                                                          |
| Hazardous decomposition products | Oxides of carbon, oxides of nitrogen, toxic pyrolysis products, explosive vapour/air                                                              |

mixture, dangerous vapours heavier than air.

## Possibility of hazardous reactions

Possible build up of explosive/highly flammable vapour/air mixture.

## 11. Toxicological information

### Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

### Information on toxicological effects:

#### Acute toxicity:

ethanol (CAS#: 64-17-5)

LD50(Oral, Rat): 10470 mg/kg

LD50(Dermal, Rabbit): >2000 mg/kg

LC50(Inhalation, Rat): 117-125 mg/l/4h

#### Acute toxicity:

ethyl acetate (CAS#:141-78-6)

LD50(Oral, Rat): 5620 mg/kg

LD50(Dermal, Rabbit): >18000 mg/kg

LC50(Inhalation, Rat): >28,6 mg/l/4h

#### Acute toxicity:

diethyl ether (CAS#: 60-29-7)

LD50(Oral, Rat): 1215 mg/kg

LD50(Dermal, Rabbit): >20000 mg/kg

LC50(Inhalation, Rat): >20 mg/l/4h

Skin corrosion/Irritation: Not classified.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: May cause drowsiness or dizziness.

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

## 12. Ecological information

### Toxicity:

ethanol (CAS#: 64-17-5)

| Acute toxicity |            | Time | Species | Method   | Evaluation | Remarks |
|----------------|------------|------|---------|----------|------------|---------|
| LC50           | 13000 mg/l | 96h  | Fish    | OECD 203 | N/A        | N/A     |
| EC50           | 12340 mg/l | 48h  | Daphnia | OECD 202 | N/A        | N/A     |
| EC50           | 275 mg/l   | 72h  | Algae   | OECD 201 | N/A        | N/A     |

### Toxicity:

ethyl acetate (CAS#:141-78-6)

| Acute toxicity |           | Time | Species | Method   | Evaluation | Remarks |
|----------------|-----------|------|---------|----------|------------|---------|
| LC50           | 230 mg/m3 | 96h  | Fish    | OECD 203 | N/A        | N/A     |
| EC50           | 610 mg/l  | 48h  | Daphnia | OECD 202 | N/A        | N/A     |

|      |     |     |       |          |     |     |
|------|-----|-----|-------|----------|-----|-----|
| EC50 | N/A | 72h | Algae | OECD 201 | N/A | N/A |
|------|-----|-----|-------|----------|-----|-----|

#### Toxicity:

diethyl ether (CAS#: 60-29-7)

| Acute toxicity |           | Time | Species | Method   | Evaluation | Remarks |
|----------------|-----------|------|---------|----------|------------|---------|
| LC50           | 2600 mg/l | 96h  | Fish    | OECD 203 | N/A        | N/A     |
| EC50           | 165       | 24h  | Daphnia | OECD 202 | N/A        | N/A     |
| EC50           | >100 mg/l | 72h  | Algae   | OECD 201 | N/A        | N/A     |

**Persistence and degradability:**

Not available.

**Bioaccumulative potential:**

Not available.

**Mobility in soil:**

The product is Insoluble in water.

**Results of PBT&vPvB assessment:**

Not available.

**Other adverse effects:**

No known significant effects or critical hazards.

### 13. Disposal considerations

**Disposal instructions**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport information

**DOT**

**Basic shipping requirements:**

**UN number**

UN1263

**Proper shipping name**

Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)

**Hazard class**

3

**Packing group**

I

**Environmental hazards**

No

**IATA**

**UN number**

UN1263

**UN proper shipping name**

Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)

**Transport hazard class(es)**

3

**Packing group**

I

**Environmental hazards**

No

**IMDG**

**UN number**

UN1263

**UN proper shipping name**

Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)

**Transport hazard class(es)**

3

**Packing group**

I

**Environmental hazards**

No

### 15. Regulatory information

Material name: Arti-Spot Frühkontaktindikator BK 87

Version #:1.0 Revision date: 02-06-2015. Issue date: 02-06-2015.

SDS US

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**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ethanol (64-17-5) is found on the following regulatory lists</b>        | "US - Hawaii Air Contaminant Limits" List.<br>"US -Idaho - Limits for Air Contaminants" List.<br>"US - Alaska Limits for Air Contaminants" List.<br>"US Spacecraft Maximum Allowable Concentrations (SMACs) for Airborne Contaminants" List.<br>"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.<br>"US – Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants" List.                                                                                                     |
| <b>ethyl acetate (141-78-6) is found on the following regulatory lists</b> | "US - Hawaii Air Contaminant Limits" List.<br>"US -Idaho - Limits for Air Contaminants" List.<br>"US - Alaska Limits for Air Contaminants" List.<br>"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.<br>"US – Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants" List.                                                                                                                                                                                                 |
| <b>diethyl ether(60-29-7) is found on the following regulatory lists</b>   | "US - Hawaii Air Contaminant Limits" List.<br>"US -Idaho - Limits for Air Contaminants" List.<br>"US - Alaska Limits for Air Contaminants" List.<br>"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.<br>"US – Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants" List.                                                                                                                                                                                                 |
| <b>butanone (78-93-3) is found on the following regulatory lists</b>       | "US - Hawaii Air Contaminant Limits" List.<br>"US -Idaho - Limits for Air Contaminants" List.<br>"US - Alaska Limits for Air Contaminants" List.<br>"US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values" List.<br>"US Spacecraft Maximum Allowable Concentrations (SMACs) for Airborne Contaminants" List.<br>"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.<br>"US – Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants" List. |

**16. Other information, including date of preparation or last revision****HMIS® ratings**

Health: 2  
Flammability: 3  
Physical hazard: 0

**NFPA ratings**

Health: 2  
Flammability: 3

Instability: 0

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available.

**Issue date**

02-06-2015