

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** B&B 5151-B

### Other means of identification

**Product Code** 5151B

### Recommended use of the chemical and restrictions on use

**Recommended Use** Technical cleaning solvent.

**Uses advised against** FOR INDUSTRIAL USE ONLY

### Details of the supplier of the safety data sheet

**Manufacturer Address** Vantage Specialties, Inc.  
3938 Porett Drive  
Gurnee, IL 60031 USA  
847-244-3410

### Emergency Telephone Number

**Emergency Telephone Number** CHEMTREC US: 1-800-424-9300  
CHEMTREC International: +1-703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

|                                      |            |
|--------------------------------------|------------|
| Acute toxicity - Oral                | Category 4 |
| Acute toxicity - Inhalation (Vapors) | Category 4 |
| Serious eye damage/eye irritation    | Category 2 |

### Label Elements

### EMERGENCY OVERVIEW

#### WARNING

#### **Hazard statements**

Causes serious eye irritation  
Harmful if swallowed  
Harmful if inhaled



**Color** Amber

**Physical State** Liquid

**Odor** Mild

#### **Precautionary Statements - Prevention**

Wash hands thoroughly after handling  
Wear protective gloves/eye protection/face protection  
Avoid breathing vapors/mist.  
Do not eat, drink or smoke when using this product

Use only outdoors or in a well ventilated area

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a poison center or doctor/physician if you feel unwell

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

### Precautionary Statements - Disposal

Dispose of contents/container in accordance with applicable regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name  | CAS No.  | Weight-% |
|----------------|----------|----------|
| Benzyl alcohol | 100-51-6 | 75-95    |

## 4. FIRST AID MEASURES

### FIRST AID MEASURES

|                                    |  |
|------------------------------------|--|
| Eye contact                        | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, call a physician. |
| Skin contact                       | IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.   |
| Inhalation                         | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.                     |
| Ingestion                          | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Seek immediate medical attention.   |
| Self-protection of the first aider | Use personal protective equipment.   |

### Most important symptoms and effects, both acute and delayed

|          |                                  |
|----------|----------------------------------|
| Symptoms | Irritation in contact with eyes. |
|----------|----------------------------------|

### Indication of any immediate medical attention and special treatment needed

|                    |                        |
|--------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|--------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

|   |  |
|---|--|
| <u>Suitable extinguishing media</u>               | Dry chemical. Foam. Carbon dioxide. Water. Class ABC/BC fire extinguisher.                                     |
| Unsuitable extinguishing media                    | None known.  |
| <u>Specific hazards arising from the chemical</u> | Thermal decomposition may yield CO and/or CO <sub>2</sub> . Avoid breathing dust/fume/gas/mist/vapours/sprays. |
| Hazardous combustion products                     | Carbon oxides.   |
| <u>Explosion Data</u>                             |  |
| Sensitivity to Mechanical Impact                  | None.  |

**Sensitivity to Static Discharge**

None.

**Protective equipment and precautions for firefighters**

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

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Use personal protective equipment. Ensure adequate ventilation. Wash hands before eating, drinking, smoking or using toilet. Avoid inhalation of vapors.

**For emergency responders**

Use personal protection recommended in Section 8.

**Environmental precautions****Environmental precautions**

Prevent release to surface water.

**Methods and material for containment and cleaning up****Methods for Containment**

Dike to collect large liquid spills.

**Methods for Cleaning Up**

Absorb with inert material and transfer to containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Handling**

Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities****Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

**Incompatible materials**

Strong oxidizing agents. Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

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**Appropriate engineering controls****Engineering Measures**

Safety Shower  
Eyewash station  
Ventilation system.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Safety glasses with side-shields.

**Skin and Body Protection**

Wear protective gloves/clothing.

**Respiratory Protection**

In case of inadequate ventilation wear respiratory protection.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                                |                        |                         |                |
|--------------------------------|------------------------|-------------------------|----------------|
| <b>Physical State</b>          | Liquid                 | <b>Odor</b>             | Mild           |
| <b>Appearance</b>              | Clear to slightly hazy | <b>Odor threshold</b>   | Not determined |
| <b>Color</b>                   | Amber                  |                         |                |
| <b>Property</b>                | <b>Values</b>          | <b>Remarks • Method</b> |                |
| pH                             | 7.0-9.0                | -                       |                |
| Melting point / freezing point |                        | Not determined          |                |
| Boiling point / boiling range  | > 100 °C               |                         |                |
| Flash Point                    | >200 °F                | COC                     |                |
| Evaporation Rate               |                        | Not determined          |                |
| Flammability (solid, gas)      |                        | Not Applicable          |                |
| Flammability Limit in Air      |                        | Not determined          |                |
| Upper flammability limit       |                        |                         |                |
| Lower Flammability Limit       |                        |                         |                |
| Vapor pressure                 |                        | Not determined          |                |
| Vapor Density                  |                        | Not determined          |                |
| Specific Gravity               | 1.01                   |                         |                |
| Water Solubility               | Partially soluble      |                         |                |
| Solubility in other solvents   |                        | Not determined          |                |
| Partition coefficient          |                        | Not Applicable          |                |
| Autoignition Temperature       |                        | Not determined          |                |
| Decomposition temperature      |                        | Not determined          |                |
| Kinematic viscosity            |                        | Not determined          |                |
| Dynamic viscosity              |                        | Not determined          |                |
| Explosive Properties           | None                   |                         |                |
| Oxidizing Properties           | None                   |                         |                |

**Other Information****10. STABILITY AND REACTIVITY**

|   |   |
|---|---|
| <b>Reactivity</b>   | Not reactive  |
| <b>Remarks</b>  |   |
| <b>Chemical stability</b>                                   | Stable under recommended storage conditions.                      |
| <b>Possibility of Hazardous Reactions</b>                   |   |
| Hazardous Reactions   | None under normal processing.                                     |
| Hazardous Polymerization                                    | Hazardous polymerization does not occur.                          |
| <b>Conditions to Avoid</b>                                  | Keep away from open flames, hot surfaces and sources of ignition. |
| <b>Incompatible materials</b>                               | Strong oxidizing agents. Strong acids.                            |
| <b>Hazardous Decomposition Products</b>                     |   |
| Thermal decomposition may yield CO and/or CO <sub>2</sub> . |   |

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                    |                            |
|--------------------|----------------------------|
| <b>Inhalation</b>  | May be harmful if inhaled. |
| <b>Eye contact</b> | Irritating to eyes.        |

**Skin contact** No known hazard.

**Ingestion** Harmful if swallowed.

**Component Information**

| Chemical Name              | Oral LD50            | Dermal LD50         | Inhalation LC50        |
|----------------------------|----------------------|---------------------|------------------------|
| Benzyl alcohol<br>100-51-6 | = 1230 mg/kg ( Rat ) | = 2 g/kg ( Rabbit ) | = 8.8 mg/L ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** Irritation or pain in contact with skin or eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** May cause irritation.

**Serious eye damage/eye irritation** Irritating to eyes.

**Sensitization** No known hazard.

**Mutagenic Effects** No known hazard.

**Carcinogenicity** No ingredients are classified as carcinogenic to humans by IARC, OSHA, ACGIH, or NTP.

**Reproductive Toxicity** No known hazard.

**Developmental Toxicity** No known hazard.

**Teratogenic** No known hazard.

**STOT - single exposure** No known hazard.

**STOT - repeated exposure** No known hazard.

**Aspiration hazard** No known hazard.

**Numerical measures of toxicity-Product Information** Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic organisms

| Chemical Name              | Toxicity to Algae  | Toxicity to Fish  | Microtox | Daphnia Magna (Water Flea) |
|----------------------------|--------------------|---|----------|----------------------------|
| Benzyl alcohol<br>100-51-6 | EC50 = 35 mg/L 3 h | LC50= 460 mg/L<br>Pimephales promelas 96 h<br>LC50= 10 mg/L Lepomis<br>macrochirus 96 h |          |                            |

**Persistence and degradability**

No data available.

**Bioaccumulation/Accumulation**

Not determined

**Mobility**

No data available.

**Other Adverse Effects** None identified

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Method** Dispose of in accordance with applicable regulations.

**Contaminated Packaging** Dispose of in accordance with applicable regulations.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IMDG / IMO** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** Complies

**DSL** Complies

### Legend

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

#### **Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### U.S. State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

This product contains the following right to know chemicals:

| Chemical Name              | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| Benzyl alcohol<br>100-51-6 |            | X             | X            |

**16. OTHER INFORMATION**

|             |                        |                       |                           |  |
|-------------|------------------------|-----------------------|---------------------------|--|
| <b>NFPA</b> | <b>Health Hazard</b> 1 | <b>Flammability</b> 1 | <b>Instability</b> 0      | <b>Physical and Chemical Hazards</b> n/a |
| <b>HMIS</b> | <b>Health Hazard</b> 1 | <b>Flammability</b> 1 | <b>Physical hazards</b> 0 | <b>Personal Precautions</b> B            |

**Prepared by** Regulatory Department  
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**Revision Note**  
**Reason for Revision** Initial Issue

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**