

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

Product identifier

Product Name B&B 5151-M

Other means of identification

Product Code 5151M

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.
<u>Unsuitable extinguishing media</u>	None known.
<u>Specific hazards arising from the chemical</u>	Thermal decomposition may yield CO and/or CO ₂ . Avoid breathing dust/fume/gas/mist/vapours/sprays.
<u>Hazardous combustion products</u>	Carbon oxides.
<u>Explosion Data</u>	
<u>Sensitivity to Mechanical Impact</u>	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

Physical State	Liquid	Odor	Mild
Appearance	Clear to slightly hazy	Odor threshold	Not determined
Color	Amber		
Property	Values	Remarks • Method	
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**

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

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

Inhalation	May be harmful if inhaled.
Eye contact	Irritating to eyes.

Skin contact No known hazard.
Ingestion Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol 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 100-51-6	EC50 = 35 mg/L 3 h	LC50= 460 mg/L Pimephales promelas 96 h LC50= 10 mg/L Lepomis 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

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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 100-51-6		X	X
16. OTHER INFORMATION			

NFPA	Health Hazard 1	Flammability 1	Instability 0	Physical and Chemical Hazards n/a
HMIS	Health Hazard 1	Flammability 1	Physical hazards 0	Personal Precautions B

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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