

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product identifier****Product Name** B&B™ JET-7**Other means of identification****Product Code** JET7**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**

Serious eye damage/eye irritation Category 1

Label Elements**EMERGENCY OVERVIEW****DANGER****Hazard statements**

Causes serious eye irritation

**Color** Light green**Physical State** Liquid**Odor** Mild**Precautionary Statements - Prevention**

Wear eye/face protection

Precautionary Statements - Response

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% |
|-------------------------------|-------------|----------|
| Alcohols C9 - 11, ethoxylated | 68439-46-3 | < 5 |
| Proprietary Surfactant Blend | Proprietary | < 5 |

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 eye irritation persists, consult 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. |
| Ingestion | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| Self-protection of the first aider | Use personal protective equipment. |

Most important symptoms and effects, both acute and delayed

Symptoms Irritation or pain 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> | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | None known. |
| <u>Specific hazards arising from the chemical</u> | None identified. |
| Hazardous combustion products | May emit irritating vapors. |
| <u>Explosion Data</u> | |
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | None. |
| <u>Protective equipment and precautions for firefighters</u> | 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. Avoid contact with eyes, skin and clothing.

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. 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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 | Color | Light green |
| Odor | Mild | | |
| Odor threshold | Not determined | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---------------------------------------|----------------------|----------------------------------|
| pH | | Not determined |
| Melting point / freezing point | | Not determined |
| Boiling point / boiling range | > 100 °C | |
| Flash Point | >200 °F | |
| Evaporation Rate | | Tag closed cup Not determined |
| Flammability (solid, gas) | | Not Applicable |
| Flammability Limit in Air | | Not determined |

| | | |
|-------------------------------------|---------|----------------|
| Upper flammability limit | | |
| Lower Flammability Limit | | |
| Vapor pressure | < 0.01 | mm Hg@ 20 °C |
| Vapor Density | | Not determined |
| Specific Gravity | 1.02 | |
| Water Solubility | 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 | Extremes of temperature and direct sunlight. |
| Incompatible materials | Strong oxidizing agents. |

Hazardous Decomposition Products

Thermal decomposition may emit irritating vapors.

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

| | |
|---------------------|--|
| Inhalation | No known hazard. |
| Eye contact | Irritating to eyes. May cause irreversible damage to eyes. |
| Skin contact | May cause irritation. |
| Ingestion | Ingestion may cause stomach discomfort. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|--|---------------------|-----------------|
| Alcohols C9 - 11, ethoxylated 68439-46-3 | = 1378 mg/kg (Rat) = 1400 mg/kg (Rat) | > 2 g/kg (Rabbit) | - |

Information on toxicological effects

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

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

Sensitization No known hazard.
Mutagenic Effects No known hazard.
Carcinogenicity Contains no listed human carcinogens at greater than 0.1%.

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

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Microtox | Daphnia Magna (Water Flea) |
|---|--------------------|--------------------|-----------------|----------------------------|
| Alcohols C9 - 11, ethoxylated 68439-46-3 | LC50 10 - 100 mg/l | LC50 10 - 100 mg/l | LC50 > 100 mg/l | LC50 1 - 10 mg/l |

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

IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

Legend

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

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

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 |

Prepared by Regulatory Specialist
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Revision Note
Reason for Revision Updated hazard information

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

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