1. Identification

Product identifier: VALBAZEN® (Albendazole) suspension

Other means of identification

Synonyms: VALBAZEN® * Albendazole suspension * Valbazen® For Cattle * VALBAZEN® SUSPENSION * Valbazen® Ultra

Recommended use: Veterinary product used as anti-worm agent (anthelmintic)

Recommended restrictions: Not for human use

Manufacturer/Importer/Supplier/Distributor information

Company Name (US): Zoetis Inc.
10 Sylvan Way
Parsippany, New Jersey 07054 (USA)

Rocky Mountain Poison and Drug Center
Product Support/Technical Services
Emergency telephone numbers

Company Name (EU): Zoetis Belgium S.A.
Mercuriusstraat 20
1930 Zaventem
Belgium

Emergency telephone number
Contact E-Mail: VMIPSrecords@zoetis.com

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards

Reproductive toxicity: Category 1B
Specific target organ toxicity, repeated exposure: Category 2 (adrenal gland, blood forming organs, liver, reproductive system)

Environmental hazards

Hazardous to the aquatic environment, acute hazard: Category 1
Hazardous to the aquatic environment, long-term hazard: Category 1

OSHA defined hazards: Not classified.

Label elements

Signal word: Danger

Hazard statement: May damage fertility or the unborn child. May cause damage to organs (adrenal gland, blood forming organs, liver, reproductive system) through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If exposed or concerned: Get medical advice/attention. Collect spillage.
Storage
Store locked up.

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

Hazard(s) not otherwise classified (HNOC)
None known.

Supplemental information
May cause eye and skin irritation.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albendazole</td>
<td></td>
<td>54965-21-8</td>
<td>7-12</td>
</tr>
<tr>
<td>Glycerol</td>
<td></td>
<td>56-81-5</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Potassium sorbate</td>
<td></td>
<td>590-00-1</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Benzoic Acid</td>
<td></td>
<td>65-85-0</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

Composition comments
In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as a trade secret.

4. First-aid measures

Inhalation
Move to fresh air. For breathing difficulties, oxygen may be necessary. Call a physician or poison control center immediately.

Skin contact
Wash off with soap and water. Remove contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact
Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.

Ingestion
Rinse mouth. Call a physician or poison control center immediately. Do not induce vomiting without advice from poison control center. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Most important symptoms/effects, acute and delayed
Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness, and discomfort. Mild skin irritation. Prolonged exposure may cause chronic effects. Adverse effects seen in clinical use include gastrointestinal discomfort, dizziness, and headache.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information
IF exposed or concerned: Get medical advice/attention. For personal protection, see section 8 of the SDS. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
Move containers from fire area if you can do so without risk.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Ensure adequate ventilation. Ventilate the contaminated area. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up

Ensure adequate ventilation. Avoid release to the environment. Prevent entry into waterways, sewer, basements or confined areas. Remove sources of ignition.

Large Spills: Stop the flow of material, if this is without risk. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Use this product with adequate ventilation. Wear appropriate personal protective equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling. When using, do not eat, drink or smoke. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in a well-ventilated place. @ 15-30°C (59-86°F). Protect from sunlight. Do not allow material to freeze. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

<table>
<thead>
<tr>
<th>Zoetis Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albendazole (CAS 54965-21-8)</td>
<td>TWA</td>
<td>200 µg/m³</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol (CAS 56-81-5)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Control banding approach

Not available.

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Impervious gloves are recommended if skin contact with drug product is possible and for bulk processing operations.

Other

Wear suitable protective clothing. Impervious protective clothing is recommended if skin contact with drug product is possible and for bulk processing operations.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Whenever air contamination (mist, vapor or odor) is generated, respiratory protection is recommended as a precaution to minimize exposure. If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL. Chemical respirator with organic vapor cartridge, full facepiece, dust and mist filter.

Thermal hazards

Not applicable.

General hygiene considerations

Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Liquid suspension
Physical state: Liquid.
Form: Liquid.
Color: White
Odor: Characteristic.
Odor threshold: Not available.
pH: 4 - 5.3
Melting point/freezing point: Not available.
Initial boiling point and boiling range: Not available.
Flash point: Not available.
Evaporation rate: Not available.
Flammability (solid, gas): Not applicable.

**Upper/lower flammability or explosive limits**
- Flammability limit - lower (%): Not available.
- Flammability limit - upper (%): Not available.
- Explosive limit - lower (%): Not available.
- Explosive limit - upper (%): Not available.

Vapor pressure: Not available.
Vapor density: Not available.
Relative density: Not available.
Solubility(ies):
- Solubility (water): 0.53 mg/l (@ 25C/77F, pH 7)

Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.

**Other information**
- Explosive properties: Not explosive.
- Oxidizing properties: Not oxidizing.
- Specific gravity: 1 - 1.4

**10. Stability and reactivity**

**Reactivity**: The product is stable and non-reactive under normal conditions of use, storage and transport.
**Chemical stability**: Material is stable under normal conditions.
**Possibility of hazardous reactions**: Hazardous polymerization does not occur.
**Conditions to avoid**: Contact with incompatible materials. Heat, flames and sparks. Protect from freezing.
**Incompatible materials**: Strong oxidizing agents.
**Hazardous decomposition products**: Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Thermal decomposition products may include oxides of carbon, nitrogen, and sulfur.

**11. Toxicological information**

**Information on likely routes of exposure**

**Inhalation**: May cause damage to organs through prolonged or repeated exposure by inhalation.
**Skin contact**: Prolonged skin contact may cause temporary irritation.
- **Benzaic Acid**: Species: Rabbit
  Severity: Mild
- **Glycerol**: Species: Rabbit
  Severity: Mild
Skin contact
Albendazole Species: Rabbit Severity: Non-irritating

Eye contact
Glycerol Direct contact with eyes may cause temporary irritation. Species: Rabbit Severity: Mild
Albendazole Species: Rabbit Severity: Non-irritating
Benzoic Acid Species: Rabbit Severity: Severe

Ingestion
Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness, and discomfort. Mild skin irritation. Prolonged exposure may cause chronic effects. Adverse effects seen in clinical use include gastrointestinal discomfort, dizziness, and headache.

Information on toxicological effects
Acute toxicity
May be harmful if inhaled. May be harmful if swallowed.

Components
<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
<th>Acute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Oral</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
</tr>
<tr>
<td>&gt; 3000 mg/kg</td>
<td>Mouse</td>
<td></td>
</tr>
<tr>
<td>&gt; 1320 mg/kg</td>
<td>Rat</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
<th>Chronic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Oral NOAEL</td>
</tr>
<tr>
<td></td>
<td>Dog</td>
<td>5 mg/kg/day, 6 months (Target organs: Blood forming organs, Kidney, Liver, Female reproductive system, Male reproductive system)</td>
</tr>
<tr>
<td></td>
<td>Mouse</td>
<td>400 mg/kg/day, 25 months (Not carcinogenic)</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>20 mg/kg/day, 28 months (Not carcinogenic)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
<th>Subacute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dog</td>
<td>NOAEL</td>
</tr>
<tr>
<td></td>
<td>4 mg/kg/day, 4 weeks (Target organs: Adrenal gland, Blood forming organs, Bone Marrow, Male reproductive system)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>NOAEL</td>
</tr>
<tr>
<td></td>
<td>25 mg/kg/day, 4 weeks (Target organs: Adrenal gland, Blood forming organs, Male reproductive system, Spleen)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
<th>Subchronic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mouse</td>
<td>NOAEL</td>
</tr>
<tr>
<td></td>
<td>20 - 40 mg/kg/day, 90 days M-F (Target organs: Liver)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>NOAEL</td>
</tr>
<tr>
<td></td>
<td>30 mg/kg/day, 3 months (No effects at maximum dose)</td>
<td></td>
</tr>
</tbody>
</table>

Benzoic Acid (CAS 65-85-0)

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
<th>Acute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Inhalation</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>LC50</td>
</tr>
<tr>
<td>&gt; 0.026 mg/l</td>
<td></td>
<td>1 Hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
<th>Oral</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rat</td>
<td>LD50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2350 mg/kg</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Potassium sorbate (CAS 590-00-1)</td>
<td></td>
<td>1700 mg/kg</td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>3800 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td></td>
<td>4340 mg/kg</td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prolonged skin contact may cause temporary irritation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Corrosivity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albendazole</td>
<td>Species: Rabbit</td>
<td>Severity: Non-irritating</td>
</tr>
<tr>
<td><strong>Serious eye damage/eye irritation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Direct contact with eyes may cause temporary irritation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Eye Contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>Species: Rabbit</td>
<td>Severity: Mild</td>
</tr>
<tr>
<td>Albendazole</td>
<td>Species: Rabbit</td>
<td>Severity: Non-irritating</td>
</tr>
<tr>
<td>Benzoic Acid</td>
<td>Species: Rabbit</td>
<td>Severity: Severe</td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitization</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Respiratory sensitization</strong></td>
<td>Not a respiratory sensitizer.</td>
<td></td>
</tr>
<tr>
<td><strong>Skin sensitization</strong></td>
<td>This product is not expected to cause skin sensitization.</td>
<td></td>
</tr>
<tr>
<td>Albendazole</td>
<td>Buehler</td>
<td>Species: Guinea Pig</td>
</tr>
<tr>
<td></td>
<td>Severity: Negative</td>
<td></td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</td>
<td></td>
</tr>
<tr>
<td><strong>Mutagenicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albendazole</td>
<td>Bacterial Mutagenicity (Ames)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Result: Negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species: Salmonella</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cell Transformation Assay</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Result: Negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species: Mouse</td>
<td></td>
</tr>
<tr>
<td></td>
<td>In Vitro Chromosome Aberration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Result: Negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Species: Chinese Hamster Ovary (CHO) cells</td>
<td></td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td>This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.</td>
<td></td>
</tr>
<tr>
<td><strong>IARC Monographs. Overall Evaluation of Carcinogenicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not listed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not regulated.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>US. National Toxicology Program (NTP) Report on Carcinogens</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not listed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Reproductive toxicity</strong></td>
<td>May damage fertility or the unborn child.</td>
<td></td>
</tr>
</tbody>
</table>
Developmental effects
Albendazole

30 mg/kg/day Prenatal & Postnatal Development, No effects at maximum dose
Result: NOAEL
Species: Mouse
Organ: Oral

5 mg/kg/day Prenatal & Postnatal Development, Developmental toxicity
Result: NOAEL
Species: Rabbit
Organ: Oral

6 mg/kg/day Prenatal & Postnatal Development, Developmental toxicity
Result: NOAEL
Species: Rat
Organ: Oral

Reproductivity
Albendazole

1 mg/kg/day Reproductive & Fertility, Negative
Result: NOAEL
Species: Rat
Organ: Oral

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
May cause damage to organs (adrenal gland, blood forming organs, liver, reproductive system) through prolonged or repeated exposure.

Aspiration hazard
Not an aspiration hazard.

Chronic effects
May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity
Very toxic to aquatic life with long lasting effects. Avoid release to the environment.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albendazole (CAS 54965-21-8)</td>
<td>Daphnia magna (Water Flea)</td>
<td>0.024 mg/L, 48 Hours</td>
</tr>
<tr>
<td></td>
<td>Pseudokirchneriella subcapitata (Green Alga)</td>
<td>&gt; 0.42 mg/L, 72 Hours</td>
</tr>
<tr>
<td>Benzoic Acid (CAS 65-85-0)</td>
<td>Fish ACQUATIC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50</td>
<td>Western mosquitofish (Gambusia affinis) 180 mg/l, 96 hours</td>
</tr>
<tr>
<td>Glycerol (CAS 56-81-5)</td>
<td>Fish ACQUATIC</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss) 51000 - 57000 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
No data available.

Partition coefficient n-octanol / water (log Kow)
Albendazole
3.06, Log D @ pH 7.4

Mobility in soil
No data available.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
13. Disposal considerations

**Disposal instructions**
Avoid release to the environment. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations**
Dispose in accordance with all applicable regulations.

**Hazardous waste code**
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products**
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

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

14. Transport information

**DOT**
Not regulated as dangerous goods.

**IATA**
- **UN number**: UN3082
- **UN proper shipping name**: Environmentally hazardous substances, liquid, n.o.s. (Albendazole)
- **Transport hazard class(es)**
  - **Class**: 9
  - **Subsidiary risk**: -
  - **Packing group**: III
  - **Environmental hazards**: Yes
- **Special precautions for user**: Read safety instructions, SDS and emergency procedures before handling.

**IMDG**
- **UN number**: UN3082
- **UN proper shipping name**: Environmentally hazardous substances, liquid, n.o.s. (Albendazole), MARINE POLLUTANT (Albendazole)
- **Transport hazard class(es)**
  - **Class**: 9
  - **Subsidiary risk**: -
  - **Packing group**: III
- **EmS**: F-A, S-F
- **Special precautions for user**: Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

IATA; IMDG
Marine pollutant

IMDG Regulated Marine Pollutant. As of January 1, 2015, materials offered for transport that are classified for transportation only as Marine Pollutants and which are packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 Liters or less for liquids or having a net mass per single or inner packaging of 5 kilograms or less for solids are NOT subject to ICAO/IATA, IMDG, or ADR transport regulations provided the general packaging requirements of those regulations are met. Refer to ICAO/IATA A197, IMDG 2.10.2.7, ADR SP 375. Please refer to the applicable dangerous goods regulations for additional information. Transport according to the requirements of the appropriate regulatory body.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Benzoic Acid (CAS 65-85-0) Listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard - No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delayed Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace
Glycerol (CAS 56-81-5)
Other Flavoring Substances with OSHA PEL's

US state regulations
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
</tbody>
</table>

Material name: VALBAZEN® (Albendazole) suspension
SDS US 9 / 10
161 Version #: 02 Revision date: 04-28-2017 Issue date: 10-11-2013
<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

| Issue date | 10-11-2013 |
| Revision date | 04-28-2017 |
| Version # | 02 |

Disclaimer

Zoetis Inc. believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time. The information in the sheet was written based on the best knowledge and experience currently available.

Revision information

This document has undergone significant changes and should be reviewed in its entirety.