1. Identification

Product identifier: Xpedient® Plus™

Other means of identification:

- SDS number: 502.1
- Recommended use: Pyrethroid type insecticide.
- Recommended restrictions: This is a Restricted Use Pesticide and is for use by licensed applicators only. Keep out of the Reach of Children!
- EPA Registration number: EPA: 5481-517

Manufacturer/Importer/Supplier/Distributor information:

- Manufacturer: AMVAC Chemical Corporation
  - Address: Los Angeles, CA 90023 USA
  - Telephone: AMVAC Chemical Corp 323-264-3910
  - AMVAC Chemical Corp 323-268-1028 (FAX)
  - Website: www.Amvac-Chemical.com
  - E-mail: CustServ@Amvac-Chemical.com
- Emergency phone number:
  - Medical: 888-681-4261
  - CHEMTREC® (USA+Canada): 800-424-9300
  - CHEMTREC® (Outside USA): +1-703-527-3887

2. Hazard(s) identification

**Physical hazards**
- Flammable liquids: Category 3
- Acute toxicity, oral: Category 3
- Acute toxicity, inhalation: Category 4
- Sensitization, skin: Category 1
- Carcinogenicity: Category 2
- Specific target organ toxicity, repeated exposure: Category 1

**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: Warning
- Hazard statement: Flammable liquid and vapor. Toxic if swallowed. Harmful if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
- Precautionary statement
  - Prevention: Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.
Response

If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Storage


Disposal

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

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

United States Environmental Protection Agency Labeling Requirements: This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

WARNING: May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and launder contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, aquatic invertebrates, bird and mammals. Use with care when applying in areas adjacent to any body of water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Keep out of lakes, ponds, and streams. Do not contaminate wader when disposing of equipment wastewater or rinsate. This product is highly toxic to bees exposed to direct treatment on blooming corps or weeds. See the label for more complete information. The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

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>Bifenthrin</td>
<td></td>
<td>82657-04-3</td>
<td>25.1</td>
</tr>
<tr>
<td>1,2, 4-Trimethylbenzene</td>
<td></td>
<td>95-63-6</td>
<td>0.57</td>
</tr>
<tr>
<td>2-Methylnaphthalene</td>
<td></td>
<td>91-57-6</td>
<td>0.57</td>
</tr>
</tbody>
</table>

Additional components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other compounds</td>
<td></td>
<td></td>
<td>74.9</td>
</tr>
</tbody>
</table>

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact

Rinse with water. Get medical attention if irritation develops and persists.
Ingestion

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Most important symptoms/effects, acute and delayed

Direct contact with eyes may cause temporary irritation. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). 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. Wash contaminated clothing before reuse.

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

The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. 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

In case of fire and/or explosion do not breathe fumes. 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

Combustible liquid.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapors or spray mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Clean surface thoroughly to remove residual contamination.

Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Keep away from open flames, hot surfaces and sources of ignition. Do not breathe vapors or spray mist. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphthalene (CAS 91-20-3)</td>
<td>PEL</td>
<td>50 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 ppm</td>
</tr>
</tbody>
</table>
### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 2, 4-Trimethylbenzene (CAS 95-63-6)</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
<tr>
<td>1, 2, 3-Trimethyl benzene (CAS 526-73-8)</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
<tr>
<td>2-Methylnaphthalene (CAS 91-57-6)</td>
<td>TWA</td>
<td>0.5 ppm</td>
</tr>
<tr>
<td>Naphthalene (CAS 91-20-3)</td>
<td>TWA</td>
<td>10 ppm</td>
</tr>
</tbody>
</table>

### US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 2, 4-Trimethylbenzene (CAS 95-63-6)</td>
<td>TWA</td>
<td>125 mg/m3</td>
</tr>
<tr>
<td>1, 2, 3-Trimethyl benzene (CAS 526-73-8)</td>
<td>TWA</td>
<td>125 mg/m3</td>
</tr>
<tr>
<td>Naphthalene (CAS 91-20-3)</td>
<td>STEL</td>
<td>75 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 ppm</td>
</tr>
</tbody>
</table>

### US. Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-Diethyl benzene (CAS 141-93-5)</td>
<td>TWA</td>
<td>5 ppm</td>
</tr>
<tr>
<td>1,4-Diethylbenzene (CAS 105-05-5)</td>
<td>TWA</td>
<td>5 ppm</td>
</tr>
</tbody>
</table>

**Biological limit values**: No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

#### US - California OELs: Skin designation

- Naphthalene (CAS 91-20-3): Can be absorbed through the skin.

#### US ACGIH Threshold Limit Values: Skin designation

- 2-Methylnaphthalene (CAS 91-57-6): Can be absorbed through the skin.
- Naphthalene (CAS 91-20-3): Can be absorbed through the skin.

**Appropriate engineering controls**

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). If there is a potential for splashing Goggles or a full face shield should be used.

- **Skin protection**
  - **Hand protection**: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
  - **Other**: The following clothing is required: overalls or pants and long-sleeved shirt, chemical resistant gloves (preferably nitrile), chemical resistant boots. For added protection a chemical resistant apron and a full face shield are recommended. If there is a risk of splashing, misting or release the following additional PPE is required: two piece hooded chemical resistant suit with either a full face respirator or a SCBA. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available, use detergent and hot water. Keep and wash PPE separately. When cleaning up a large spill wear appropriate chemical resistant clothing (see label).

- **Respiratory protection**: Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

- **Thermal hazards**: Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

- When using do not smoke. Keep away from food and drink. 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. Contaminated work clothing should not be allowed out of the workplace.
9. Physical and chemical properties

Appearance  Amber to dark liquid

Physical state  Liquid.

Form  Liquid.

Color  Amber to dark

Odor  Solvent odor

Odor threshold  None established

pH  7 5% emulsion

Melting point/freezing point  < 32 °F (< 0 °C)

Initial boiling point and boiling range  > 354 °F (> 179 °C)

Flash point  135 °F (57 °C) Cleveland Closed Cup

Evaporation rate  0.1 as compared to -Butyl acetate

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  2.08E+00 mm Hg approx. @ 68°F

Vapor density  Heavier than air

Relative density  Not available.

Solubility(ies)

Solubility (water)  Emulsifiable

Auto-ignition temperature  Not available.

Decomposition temperature  Not available.

Viscosity  Not available.

Other information

Bulk density  8.26 lb/gal

Density  1.21 g/cm3 estimated

Percent volatile  68 %

Specific gravity  0.99 @ 20°C

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  Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials  Strong oxidizing agents.

Hazardous decomposition products  This product may emit hazardous fumes of hydrogen chloride, carbon oxides, and unidentified organic compounds when it is heated excessively or burned. WEAR SELF-CONTAINED BREATHING APPARATUS when these conditions are present.

11. Toxicological information

Information on likely routes of exposure

Inhalation  Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin contact  May cause an allergic skin reaction.

Eye contact  Direct contact with eyes may cause temporary irritation.
Ingestion
Toxic if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics
May cause an allergic skin reaction.

Information on toxicological effects

Acute toxicity
Toxic if swallowed. Harmful if inhaled. May cause an allergic skin reaction.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xpedient Plus</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td><strong>inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>rat</td>
<td>1.86 mg/L, 4 hr aerosol</td>
</tr>
<tr>
<td><strong>oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>rat</td>
<td>262 mg/kg</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation
Not irritating to skin.

<table>
<thead>
<tr>
<th>Irritation Corrosion - Skin</th>
<th>Xpedient Plus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td>None irritating</td>
</tr>
<tr>
<td>Corrosion</td>
<td>Organ: skin</td>
</tr>
<tr>
<td></td>
<td>Severity: none</td>
</tr>
</tbody>
</table>

Serious eye damage/eye irritation
Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization
Not a respiratory sensitizer.

Skin sensitization
May cause an allergic skin reaction.

Skin sensitization
Result: Sensitizer
Organ: skin

Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity
Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity
Naphthalene (CAS 91-20-3) 2B Possibly carcinogenic to humans.

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

US. National Toxicology Program (NTP) Report on Carcinogens
Naphthalene (CAS 91-20-3) Reasonably Anticipated to be a Human Carcinogen.

Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard
Not an aspiration hazard.

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

12. Ecological information

Ecotoxicity
Very toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bifenthrin (CAS 82657-04-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td>Crustacea</td>
<td>LC50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Water flea (Ceriodaphnia dubia)</td>
</tr>
</tbody>
</table>
### Components Test Results

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Water flea (Daphnia magna)</td>
<td>0.0001 - 0.0009 mg/l, 48 hours</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mobility in soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other adverse effects</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No data is available on the degradability of this product.

No data available.

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
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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 all applicable 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. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

#### DOT

**UN number**
UN3351

**UN proper shipping name**
Pyrethroid pesticide, liquid, toxic, flammable, flash point not less than 23 degrees C (Bifenthrin, Aromatic Solvent), MARINE POLLUTANT

**Transport hazard class(es)**

- **Class**: 6.1(PGIII)
- **Subsidiary risk**: 3
- **Label(s)**: 6.1, 3

**Packing group**: III

**Environmental hazards**
- **Marine pollutant**: Yes

**Special precautions for user**
Read safety instructions, SDS and emergency procedures before handling.

**Special provisions**
IB3, T7, TP2, TP28

**Packaging exceptions**
153

**Packaging non bulk**
203

**Packaging bulk**
241

#### IATA

**UN number**
UN3351

**UN proper shipping name**
Pyrethroid pesticide, liquid, toxic, flammable, flash point not less than 23 degrees C (Bifenthrin, Aromatic solvent)

**Transport hazard class(es)**

- **Class**: 6.1(PGIII)
- **Subsidiary risk**: 3
- **Label(s)**: 6.1, 3

**Packing group**: III

**Environmental hazards**
- **Marine pollutant**: Yes

**Special precautions for user**
Read safety instructions, SDS and emergency procedures before handling.

**Other information**
- **Passenger and cargo aircraft**: Allowed with restrictions.
- **Cargo aircraft only**: Allowed with restrictions.

#### IMDG

**UN number**
UN3351

**UN proper shipping name**
Pyrethroid pesticide, liquid, toxic, flammable, flash point not less than 23 degrees C (Bifenthrin, Aromatic solvent), MARINE POLLUTANT
Transport hazard class(es)

Class: 6.1(PGIII)
Subsidiary risk: 3
Label(s): 6.1, 3
Packing group: III
Environmental hazards:
Marine pollutant: Yes
EmS: Not available.

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

DOT

IATA; IMDG

Marine pollutant

General information

DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

15. Regulatory information

US federal regulations

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. This product is registered under EPA/FIFRA Regulations as a REstricted USE PESTicide. It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)
Naphthalene (CAS 91-20-3) Listed.
SARA 304 Emergency release notification
Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**
- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard - Yes
- Pressure Hazard - No
- Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**
Not listed.

**SARA 311/312 Hazardous chemical**
No

**SARA 313 (TRI reporting)**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bifenthrin</td>
<td>82657-04-3</td>
<td>25.1</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>91-20-3</td>
<td>2.84</td>
</tr>
</tbody>
</table>

**Other federal regulations**

- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
  - 2-Methylnaphthalene (CAS 91-57-6)
  - Naphthalene (CAS 91-20-3)

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

- **Safe Drinking Water Act (SDWA)**
  Not regulated.

**US state regulations**

- **US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**
  Not listed.

- **US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**
  1,2, 4-Trimethylbenzene (CAS 95-63-6)
  1,2,3-Trimethyl benzene (CAS 526-73-8)
  2-Methylnaphthalene (CAS 91-57-6)
  Naphthalene (CAS 91-20-3)

- **US. Massachusetts RTK - Substance List**
  1,2, 4-Trimethylbenzene (CAS 95-63-6)
  1,2,3-Trimethyl benzene (CAS 526-73-8)
  1,3-Diethyl benzene (CAS 141-93-5)
  1,4-Diethylbenzene (CAS 105-05-5)
  Naphthalene (CAS 91-20-3)

- **US. New Jersey Worker and Community Right-to-Know Act**
  1,2, 4-Trimethylbenzene (CAS 95-63-6)
  1,2,3-Trimethyl benzene (CAS 526-73-8)
  1,3-Diethyl benzene (CAS 141-93-5)
  1,4-Diethylbenzene (CAS 105-05-5)
  2-Methylnaphthalene (CAS 91-57-6)
  Bifenthrin (CAS 82657-04-3)
  Naphthalene (CAS 91-20-3)

- **US. Pennsylvania Worker and Community Right-to-Know Law**
  1,2, 4-Trimethylbenzene (CAS 95-63-6)
  1,2,3-Trimethyl benzene (CAS 526-73-8)
  1,3-Diethyl benzene (CAS 141-93-5)
  1,4-Diethylbenzene (CAS 105-05-5)
  2-Methylnaphthalene (CAS 91-57-6)
  Naphthalene (CAS 91-20-3)

- **US. Rhode Island RTK**
  1,2, 4-Trimethylbenzene (CAS 95-63-6)
  Bifenthrin (CAS 82657-04-3)
  Naphthalene (CAS 91-20-3)
US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
Naphthalene (CAS 91-20-3) Listed: April 19, 2002

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>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 10-12-2015
References
ACGIH®: American Conference of Governmental Industrial Hygienists
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
EPA: Environmental Protection Agency
FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act
IARC: International Agency for Research on Cancer
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Agency
SARA: Superfund Amendments and Reauthorization Act
TSCA: Toxic Substances Control Act
DOT: Department of Transportation
IMDG: International Maritime Dangerous Goods
IATA: International Air Transport Association

Version # 01
Further information Not available.
HMIS® ratings
Health: 2
Flammability: 1
Physical hazard: 0

NFPA ratings
Health: 2
Flammability: 1
Instability: 0

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