SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name: Enforcer(R) Over Nite(R) Pest Control Concentrate

EPA ID Number: 1021-2626-40849

Material number: 000000000001041670

Manufacturer or supplier's details

Company: Zep Commercial Sales & Service, a unit of Zep, Inc.

Address: 350 Joe Frank Harris Parkway, SE

Emerson, GA 30137

Telephone: 404-352-1680

Emergency telephone numbers

For SDS Information: Compliance Services 1-877-428-9937

For a Medical Emergency: 877-541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency: CHEMTREC: 800-424-9300 - All Calls Recorded.

In the District of Columbia 202-483-7616

Recommended use of the chemical and restrictions on use

Recommended use: Pesticide

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

<table>
<thead>
<tr>
<th>Property</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>amber, clear</td>
</tr>
<tr>
<td>Odour</td>
<td>strong</td>
</tr>
</tbody>
</table>

GHS Classification

- Flammable liquids: Category 4
- Acute toxicity (Oral): Category 4
- Acute toxicity (Inhalation): Category 4
- Skin irritation: Category 2
- Eye irritation: Category 2A
- Respiratory sensitisation: Category 1
- Carcinogenicity: Category 2
- Specific target organ toxicity - single exposure: Category 3 (Respiratory system)
- Aspiration hazard: Category 1

GHS label elements

Hazard pictograms: [Image]

Signal word: Danger
Hazard statements: H227 Combustible liquid. H302 + H332 Harmful if swallowed or if inhaled. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer.

Precautionary statements:

Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P285 In case of inadequate ventilation wear respiratory protection.

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/attention. P331 Do NOT induce vomiting. P332 + P313 If skin irritation occurs: Get medical advice/attention. P337 + P313 If eye irritation persists: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

Disposal:
Dispose of contents/container in accordance with local regulation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture
Hazardous components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent naphtha (petroleum), heavy arom.</td>
<td>64742-94-5</td>
<td>&gt;= 50 - &lt; 70</td>
</tr>
<tr>
<td>Cypermethrin</td>
<td>52315-07-8</td>
<td>&gt;= 20 - &lt; 30</td>
</tr>
<tr>
<td>naphthalene</td>
<td>91-20-3</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
<tr>
<td>butan-1-ol</td>
<td>71-36-3</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
</tbody>
</table>

The exact percentages of disclosed substances are withheld as trade secrets.

SECTION 4. FIRST AID MEASURES

General advice
- Move out of dangerous area.
- Show this safety data sheet to the doctor in attendance.
- Symptoms of poisoning may appear several hours later.
- Do not leave the victim unattended.

If inhaled
- Call a physician or poison control centre immediately.
- If unconscious, place in recovery position and seek medical advice.

In case of skin contact
- Wash off immediately with plenty of water for at least 15 minutes.
- Remove contaminated clothing and shoes.
- Wash contaminated clothing before reuse.
- If skin irritation persists, call a physician.

In case of eye contact
- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- Remove contact lenses.
- Protect unharmed eye.
- Keep eye wide open while rinsing.
- If eye irritation persists, consult a specialist.

If swallowed
- Keep respiratory tract clear.
- Never give anything by mouth to an unconscious person.
- DO NOT induce vomiting unless directed to do so by a physician or poison control center.
- If symptoms persist, call a physician.
- Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed
- Effects are immediate and delayed.
- Effects are dependent on exposure (dose, concentration, contact time).
- Symptoms may include central nervous system depression, resulting in headache, nausea and/or dizziness.
- Symptoms may include irritation, redness, pain, and rash.
- Symptoms may include difficulty breathing, coughing, wheezing, throat irritation, and tightness/closure of airway.
- May be fatal if swallowed and enters airways.
- Causes serious eye irritation.
- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause cancer. Review section 2 of SDS to see all potential hazards.

Notes to physician: Treat symptomatically. Symptoms may be delayed.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide (CO2)
Alcohol-resistant foam
Dry chemical
Water mist

Unsuitable extinguishing media: Water spray

Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products: Carbon dioxide (CO2)
Carbon monoxide
Smoke

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.
SECTION 7. HANDLING AND STORAGE

Advice on safe handling:
- Avoid formation of aerosol.
- Do not breathe vapours/dust.
- Avoid exposure - obtain special instructions before use.
- Avoid contact with skin and eyes.
- For personal protection see section 8.
- Smoking, eating and drinking should be prohibited in the application area.
- Provide sufficient air exchange and/or exhaust in work rooms.
- Dispose of rinse water in accordance with local and national regulations.
- Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage:
- No smoking.
- Keep container tightly closed in a dry and well-ventilated place.
- Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Observe label precautions.
- Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid:
- Store and keep away from, oxidizing agents and acids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>naphthalene</td>
<td>91-20-3</td>
<td>TWA</td>
<td>10 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>15 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>10 ppm 50 mg/m³</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST</td>
<td>15 ppm 75 mg/m³</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>10 ppm 50 mg/m³</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>10 ppm 50 mg/m³</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>15 ppm 75 mg/m³</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>0.1 ppm 0.5 mg/m³</td>
<td>CAL PEL</td>
</tr>
<tr>
<td>butan-1-ol</td>
<td>71-36-3</td>
<td>TWA</td>
<td>20 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>50 ppm 150 mg/m³</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm 300 mg/m³</td>
<td>OSHA Z-1</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

BZ7569 ENF OVRNT PEST CON ONC1 1 OZ 12/C

Version 2.0  Revision Date 11/07/2017  Print Date 01/17/2018

<table>
<thead>
<tr>
<th></th>
<th>C</th>
<th>50 ppm 150 mg/m3</th>
<th>OSHA P0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C</td>
<td>50 ppm 150 mg/m3</td>
<td>CAL PEL</td>
</tr>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
<td>TWA 25 ppm 125 mg/m3</td>
<td>NIOSH REL</td>
</tr>
</tbody>
</table>

**Engineering measures**: effective ventilation in all processing areas

**Personal protective equipment**

**Respiratory protection**: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

**Hand protection**

**Material**: Protective gloves

**Remarks**: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye protection**: Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water.

**Skin and body protection**: Tightly fitting safety goggles

**Hygiene measures**: Impervious clothing

**Choose body protection according to the amount and concentration of the dangerous substance at the work place.**

**When using do not eat or drink.**

**When using do not smoke.**

**Wash hands before breaks and at the end of workday.**

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**: liquid

**Colour**: amber, clear

**Odour**: strong

**Odour Threshold**: No data available

**pH**: 4.4

**Melting point/freezing point**: No data available

**Boiling point**: No data available

**Flash point**: 63 °C

**Evaporation rate**: No data available

**Upper explosion limit**: No data available

**Lower explosion limit**: No data available
BZ7569 ENF OVRNT PEST CON ONC1 1 OZ 12/C

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : Vapours may form explosive mixture with air.
                      No decomposition if stored and applied as directed.
Conditions to avoid : Heat, flames and sparks.
Incompatible materials : Acids
                      Oxidizing agents
                      Bases
Hazardous decomposition products : Carbon monoxide
                      Carbon dioxide (CO2)
                      Hydrocarbons

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Aggravated Medical Condition : None known.
Symptoms of Overexposure : Effects are immediate and delayed.
                      Effects are dependent on exposure (dose, concentration, contact time).
                      Symptoms may include central nervous system depression,
resulting in headache, nausea and/or dizziness. Symptoms may include irritation, redness, pain, and rash. Symptoms may include difficulty breathing, coughing, wheezing, throat irritation, and tightness/closure of airway.

Carcinogenicity:

IARC
Group 2B: Possibly carcinogenic to humans
napththalene 91-20-3

ACGIH
Confirmed animal carcinogen with unknown relevance to humans
napththalene 91-20-3

OSHA
No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

NTP
Reasonably anticipated to be a human carcinogen
napththalene 91-20-3

Acute toxicity

Product:

Acute oral toxicity
LD50 Rat: > 300 - 2,000 mg/kg
Method: Third Party Data - Actual or Inferred

Acute inhalation toxicity
Acute toxicity estimate: 2669 ppm
Exposure time: 4 h
Test atmosphere: gas
Method: Calculation method

Acute dermal toxicity
Acute toxicity estimate: 4,153 mg/kg
Method: Calculation method

Components:

butan-1-ol:
Acute inhalation toxicity
LC50 Rat: 8000 ppm
Exposure time: 4 h

Acute dermal toxicity
LD50 Dermal Rabbit: 3,400 mg/kg

Skin corrosion/irritation

Product:
Remarks: Irritating to skin.

Serious eye damage/eye irritation

Product:
Remarks: Severe eye irritation

Respiratory or skin sensitisation

No data available
Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive toxicity
No data available

STOT - single exposure
No data available

STOT - repeated exposure
No data available

Aspiration toxicity
No data available

Further information

Product:
Remarks: Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:
Toxicity to fish : Remarks: Toxic to fish.

Toxicity to daphnia and other aquatic invertebrates : Remarks: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence and degradability
No data available

Bioaccumulative potential

Product:
Partition coefficient: n-octanol/water : Remarks: No data available

Components:
Solvent naphtha (petroleum), heavy arom. :
Partition coefficient: n-octanol/water : log Pow: 4.2

Mobility in soil
No data available

**Other adverse effects**

No data available

**Product:**

| Regulation | 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances |
| Remarks | This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). |

**Additional ecological information:**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Very toxic to aquatic life.

---

### SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

- **Waste from residues:** The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.

- **Contaminated packaging:** Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

---

### SECTION 14. TRANSPORT INFORMATION

**Transportation Regulation: 49 CFR (USA):**

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

**Transportation Regulation: IMDG (Vessel):**

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (ALIPHATIC PETROLEUM NAPHTHA), 9, III

**Transportation Regulation: IATA (Cargo Air):**

UN3082, Environmentally hazardous substance, liquid, n.o.s., (ALIPHATIC PETROLEUM NAPHTHA), 9, III

**Transportation Regulation: IATA (Passenger Air):**

UN3082, Environmentally hazardous substance, liquid, n.o.s., (ALIPHATIC PETROLEUM NAPHTHA), 9, III

---
The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

SECTION 15. REGULATORY INFORMATION

This product is regulated under the United States Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

**Pesticide Labeling Information Required Under U.S. FIFRA Regulations**

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**WARNING**

Causes substantial but temporary eye injury.
Causes skin irritation.
Harmful if swallowed.
Harmful if inhaled.
Harmful if absorbed through skin.

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Component</th>
<th>RQ (lbs)</th>
<th>Calculated product RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>91-20-3</td>
<td>naphthalene</td>
<td>100</td>
<td>1429</td>
</tr>
</tbody>
</table>

**EPCRA - Emergency Planning and Community Right-to-Know Act**

**TSCA list**

No substances are subject to a Significant New Use Rule.

The following substance(s) is/are subject to TSCA 12(b) export notification requirements:

- naphthalene 91-20-3

**CERCLA Reportable Quantity**

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards**

- Flammable (gases, aerosols, liquids, or solids)
- Acute toxicity (any route of exposure)
- Skin corrosion or irritation
- Serious eye damage or eye irritation
- Specific target organ toxicity (single or repeated exposure)
- Aspiration hazard
- Respiratory or skin sensitisation
- Carcinogenicity
SAFETY DATA SHEET

BZ7569 ENF OVRNT PEST CON ONC1 1 OZ 12/C

Version 2.0  Revision Date 11/07/2017  Print Date 01/17/2018

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313:
- naphthalene 91-20-3  7%
- butan-1-ol 71-36-3  1.5%
- 1,2,4-trimethylbenzene 95-63-6  1.5%

California Prop. 65

WARNING: This product can expose you to chemicals including naphthalene, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

The components of this product are reported in the following inventories:

<table>
<thead>
<tr>
<th>Inventory Acronym and Validity Area Legend:</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL All components of this product are on the Canadian DSL</td>
</tr>
<tr>
<td>TSCA On TSCA Inventory</td>
</tr>
</tbody>
</table>

For information on the country notification status for other regions please contact the manufacturer’s regulatory group.

OSHA - GHS Label Information:

NFPA: Flammability

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

HMIS III:

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>3*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAMMABILITY</td>
<td>2</td>
</tr>
<tr>
<td>PHYSICAL HAZARD</td>
<td>0</td>
</tr>
</tbody>
</table>

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic
Hazard pictograms:

Signal word: Danger

Hazard statements:
Combustible liquid. Harmful if swallowed or if inhaled. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer.

Precautionary statements:
Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.
Response:
If swallowed: Immediately call a POISON CENTER/doctor. If on skin: Wash with plenty of soap and water. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
Disposal: Dispose of contents/container in accordance with local regulation.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.

Zep Inc. markets products under well recognized and established brand names such as Zep®, Zep Commercial®, Zep Professional®, Enforcer®, National Chemical™, Selig™, Misty®, Next Dimension™, Petro®, i-Chem®, TimeMist®, TimeWick™, MicrobeMax®, Country Vet®, Konk®, Original Bike Spirits®, Blue Coral®, Black Magic®, Rain-X®, Niagara National™, FC Forward Chemicals®, Rexodan®, Mykal™, and a number of private labeled brands.