# SAFETY DATA SHEET

## 1. Identification

| | |
|---|---|
| Product number | 1000011868 |
| Product identifier | **BIG JINX ROACH & ANT KILLER** |
| Revision date | 01-02-2015 |
| Company information | Claire Manufacturing Co.<br>1005 S. Westgate Drive<br>Addison, IL 60101 United States |
| Company phone | General Assistance 1-630-543-7600 |
| Emergency telephone US | 1-866-836-8855 |
| Emergency telephone outside US | 1-952-852-4646 |
| Version # | 02 |
| Supersedes date | 10-23-2014 |
| Recommended use | PESTICIDE |
| Recommended restrictions | None known. |

## 2. Hazard(s) identification

| | | |
|---|---|---|
| Physical hazards | Flammable aerosols | Category 1 |
| Health hazards | Sensitization, skin | Category 1 |
| | Aspiration hazard | 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 | Danger |
| Hazard statement | Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. |
| Precautionary statement | |
| Prevention | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves. |
| Response | If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage. |
| Storage | Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | None. |

## 3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| Distillates (Petroleum), Hydrotreated Light | | 64742-47-8 | 90 - 100 |
| Carbon Dioxide | | 124-38-9 | 2.5 - 10 |
| Permethrin | | 52645-53-1 | 0.1 - 1 |
| Piperonyl Butoxide | | 51-03-6 | 0.1 - 1 |
| Other components below reportable levels | | | 0.01 - 0.1 |

#: This substance has workplace exposure limit(s).
vPvB: very persistent and very bioaccumulative substance.
PBT: persistent, bioaccumulative and toxic substance.
*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

**Inhalation**
If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air. 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. Get medical attention immediately.

**Skin contact**
Remove and isolate contaminated clothing and shoes. Get medical attention immediately. Get medical attention if irritation develops or persists. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists. Continue rinsing. Get medical attention immediately.

**Ingestion**
Get medical attention immediately. No need for first aid is anticipated if material is swallowed.

**Most important symptoms/effects, acute and delayed**
Dermatitis. Aspiration may cause pulmonary edema and pneumonitis. Rash. May cause an allergic skin reaction.

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

**General information**
Take off contaminated clothing and shoes immediately. Immediate medical attention is required. 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. Keep victim warm. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

**Suitable extinguishing media**
Large Fires: Powder. Alcohol resistant foam. Water spray, fog or regular foam.

Small Fires: Dry chemicals. Carbon dioxide ($CO_2$).

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

**Specific hazards arising from the chemical**
Contents under pressure. Pressurized container may explode when exposed to heat or flame.

**Special protective equipment and precautions for firefighters**
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear full protective clothing including self contained breathing apparatus.

**Fire-fighting equipment/instructions**
In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do it without risk. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Some of these materials, if spilled, may evaporate leaving a flammable residue.

**Specific methods**
Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards**
Extremely flammable aerosol.

## 6. Accidental release measures

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|---|---|
| Personal precautions, protective equipment and emergency procedures | Consider initial downwind evacuation for at least 500 meters (1/3 mile). Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. 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 | Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS. After removal flush contaminated area thoroughly with water. This material and its container must be disposed of as hazardous waste. |
| Environmental precautions | Avoid release to the environment. Refer to special instructions/safety data sheets. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. |

## 7. Handling and storage

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|---|---|
| Precautions for safe handling | Vapors may form explosive mixtures with air. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in area provided with appropriate exhaust ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Avoid release to the environment. Use appropriate container to avoid environmental contamination. Observe good industrial hygiene practices. |
| Conditions for safe storage, including any incompatibilities | Level 3 Aerosol.<br><br>Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol. |

## 8. Exposure controls/personal protection

Occupational exposure limits

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

| Components | Type | Value |
|---|---|---|
| Carbon Dioxide (CAS 124-38-9) | PEL | 9000 mg/m3 |
| | | 5000 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|---|---|---|
| Carbon Dioxide (CAS 124-38-9) | STEL | 30000 ppm |
| | TWA | 5000 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|---|---|---|
| Carbon Dioxide (CAS 124-38-9) | STEL | 54000 mg/m3 |
| | | 30000 ppm |
| | TWA | 9000 mg/m3 |

| US. NIOSH: Pocket Guide to Chemical Hazards<br>Components | Type | Value |
|---|---|---|
| | | 5000 ppm |

| | |
|---|---|
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| 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 | Face shield is recommended. Face-shield. Avoid contact with eyes. |
| Hand protection | Wear appropriate chemical resistant gloves. |
| Skin protection | |
| Other | Avoid contact with the skin. Wear chemical protective equipment that is specifically recommended by the manufacturer. Use of an impervious apron is recommended. It may provide little or no thermal protection. |
| Skin protection | |
| Respiratory protection | If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| General hygiene considerations | When using do not smoke. Avoid contact with eyes. Avoid contact with skin. Avoid contact with clothing. 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

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|---|---|
| Appearance | |
| Physical state | Gas. Form<br>Aerosol. |
| Color | Pale yellow |
| Odor | fruity |
| Odor threshold | Not available. |
| pH | Not applicable estimated |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point | 228.2 °F (109.0 °C) estimated |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | 0.5 % estimated |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 70 - 80 psig @70F estimated |
| Vapor density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 421 °F (216.11 °C) estimated |

| | |
|---|---|
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Specific gravity | 0.849 estimated estimated |

## 10. Stability and reactivity

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|---|---|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Risk of explosion. Risk of ignition. Material is stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerization does not occur. |
| Conditions to avoid | Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | None known. |
| Hazardous decomposition products | May include oxides of nitrogen. May include oxides of phosphorus. No hazardous decomposition products are known. |

## 11. Toxicological information

Information on likely routes of exposure

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|---|---|
| Ingestion | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |
| Inhalation | Prolonged inhalation may be harmful. |
| Skin contact | May cause an allergic skin reaction. |
| Eye contact | Direct contact with eyes may cause temporary irritation. |
| Symptoms related to the physical, chemical and toxicological characteristics | Dermatitis. Aspiration may cause pulmonary edema and pneumonitis. Rash. May cause an allergic skin reaction. |

Information on toxicological effects

Acute toxicity

Acute LD50: 1969 mg/kg, Rat, Dermal
Acute LC50: 5 mg/l/4h, Rat, Inhalation
May be fatal if swallowed and enters airways. May cause an allergic skin reaction.

| Product | Species | Test Results |
|---|---|---|
| BIG JINX ROACH & ANT KILLER (CAS Mixture) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rat | 1969 mg/kg |
| Inhalation | | |
| LC50 | Rat | 5 mg/l/4h |
| Oral | | |
| LD50 | Rat | |

| Components | Species | Test Results |
|---|---|---|
| Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 2000 mg/kg |
| | | > 2000 mg/kg, 24 Hours |
| Inhalation | | |
| LC50 | Rat | > 7.5 mg/l, 6 Hours |
| | | > 4.6 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | > 5000 mg/kg |

| Components | Species | Test Results |
|---|---|---|
| Piperonyl Butoxide (CAS 51-03-6) | | |
| Acute | | |
| Dermal | | |
| LD50 | - | > 2000 mg/kg |
| Inhalation | | |
| LC50 | Rat | > 5.2 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | 5630 mg/kg |

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

Skin corrosion/irritation: Not expected to be hazardous by OSHA criteria.

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

Respiratory or skin sensitization

Respiratory sensitization: Not available.

Skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: Not expected to be hazardous by OSHA criteria. Not expected to be hazardous by WHMIS criteria.

Carcinogenicity: Not expected to be hazardous by WHMIS criteria. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

| | |
|---|---|
| Permethrin (CAS 52645-53-1) | 3 Not classifiable as to carcinogenicity to humans. |
| Piperonyl Butoxide (CAS 51-03-6) | 3 Not classifiable as to carcinogenicity to humans. |

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity: Not expected to be hazardous by OSHA criteria. Not expected to be hazardous by WHMIS criteria.

Specific target organ toxicity - single exposure: Not classified.

Specific target organ toxicity - repeated exposure: Not classified.

Aspiration hazard: May be fatal if swallowed and enters airways.

Chronic effects: Hazardous by OSHA criteria. Prolonged inhalation may be harmful. Prolonged or repeated exposure may cause lung injury. Prolonged exposure may cause chronic effects. Not expected to be hazardous by WHMIS criteria.

Further information: This product has no known adverse effect on human health.

## 12. Ecological information

Ecotoxicity: LC50: 46.61 mg/L, Fish, 96.00 Hours
Very toxic to aquatic life with long lasting effects.

| Product | | Species | Test Results |
|---|---|---|---|
| BIG JINX ROACH & ANT KILLER (CAS Mixture) | | | |
| Aquatic | | | |
| Fish | LC50 | Fish | 46.605 mg/L, 96 Hours |

| Components | | Species | Test Results |
|---|---|---|---|
| Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8) | | | |
| Aquatic | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 2.9 mg/l, 96 hours |
| Permethrin (CAS 52645-53-1) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 0.0006 - 0.0025 mg/l, 48 hours |
| Fish | LC50 | Apache trout (Oncorhynchus gilae apache) | 0.0013 - 0.0022 mg/l, 96 hours |

| Components | | Species | Test Results |
|---|---|---|---|
| Piperonyl Butoxide (CAS 51-03-6) | | | |
| Aquatic | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 0.0027 - 0.0043 mg/l, 96 hours |

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

**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)

| | |
|---|---|
| Permethrin | 6.5 |
| Piperonyl Butoxide | 4.75 |

**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** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. After recovery of solvent dispose of residue as hazardous waste. 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** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

## 14. Transport information

DOT

| | |
|---|---|
| UN number | UN1950 |
| UN proper shipping name | Aerosols, flammable, (each not exceeding 1 L capacity) |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | 2.1 |
| Packing group | Not applicable. |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions | N82 |
| Packaging exceptions | 306 |
| Packaging non bulk | None |
| Packaging bulk | None |

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

| | |
|---|---|
| UN number | UN1950 |
| UN proper shipping name | Aerosols, flammable |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | 2.1 |
| Packing group | Not applicable. |

| | |
|---|---|
| Environmental hazards | Yes |
| ERG Code | 10L |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Other information | |
| Passenger and cargo aircraft | Allowed. |
| Cargo aircraft only | Allowed. |
| Packaging Exceptions | LTD QTY |

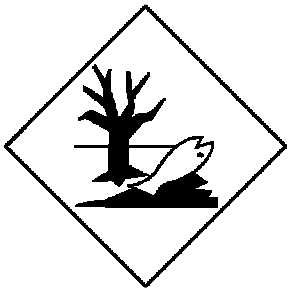
IMDG

| | |
|---|---|
| UN number | UN1950 |
| UN proper shipping name | AEROSOLS |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) Packing | 2.1 |
| group Environmental hazards | Not applicable. |
| Marine pollutant | Yes |
| EmS | F-D, S-U |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Packaging Exceptions | LTD QTY |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. |

DOT


IATA; IMDG


Marine pollutant



| | |
|---|---|
| General information | IMDG Regulated Marine Pollutant. |

## 15. Regulatory information

US federal regulations

Pesticides are exempt from TSCA. This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not 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 - No
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)

| Chemical name | CAS number | % by wt. |
|---|---|---|
| Permethrin | 52645-53-1 | 0.1 - 1 |
| Piperonyl Butoxide | 51-03-6 | 0.1 - 1 |

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): Not regulated.

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

Carbon Dioxide (CAS 124-38-9)
Permethrin (CAS 52645-53-1)

US. New Jersey Worker and Community Right-to-Know Act

Carbon Dioxide (CAS 124-38-9)
Permethrin (CAS 52645-53-1)
Piperonyl Butoxide (CAS 51-03-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Carbon Dioxide (CAS 124-38-9)

US. Rhode Island RTK

Permethrin (CAS 52645-53-1)
Piperonyl Butoxide (CAS 51-03-6)

US. California Proposition 65

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

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

*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 | 10-23-2014 |
| Revision date | 01-02-2015 |
| Version # | 02 |
| Further information | HMIS® is a registered trade and service mark of the NPCA. |
| Disclaimer | We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. 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. |
| Revision Information | Product and Company Identification: Alternate Trade Names |