

SAFETY DATA SHEET

| 1. Identification | | | |
|---------------------------------|---|--|--|
| Product identifier | AMVAC Insect Shield™ | | |
| Other means of identification | | | |
| SDS number | 194 | | |
| Synonym(s) | NUVAN® ProStrips * NUVAN® ProStrip+ * ALCO® Small NO-PEST STRIP * AMVAC Small INSECT STRIP * ALCO® Small PEST STRIP * ALCO® Large NO-PEST STRIP * AMVAC Large INSECT STRIP * ALCO® Large PEST STRIP * AMVAC Small Pro-Strip * AMVAC Large ProStrip* * AMVAC Insect Shield Max [™] | | |
| Recommended use | Insecticide | | |
| Recommended restrictions | Keep out of the Reach of Children! | | |
| EPA Registration number | EPA: 5481-334; 5481-338; 5481-344; 5481- 5481-554 | 348, 5481-531; 5481-532; 5481-533; 5481-553; | |
| Manufacturer/Importer/Supplier | /Distributor information | | |
| Manufacturer | | | |
| Company name | AMVAC Chemical Corporation | | |
| Address | 4100 E Washington Blvd | | |
| Talaakana | Los Angeles, CA 90023 USA | | |
| Telephone | AMVAC Chemical Corp 323-264-39 AMVAC Chemical Corp 323-268-10 | | |
| Website | www.Amvac-Chemical.com | | |
| E-mail | CustServ@Amvac-Chemical.com | | |
| Emergency phone number | Medical 888-681-42 | - | |
| | CHEMTREC® (USA+Canada) 800-424-9300 | | |
| | Product Use 888-462-68 CHEMTREC® (Outside USA) +1-703-527 | | |
| 2. Hazard(s) identification | | | |
| Physical hazards | Not classified. | | |
| Health hazards | Acute toxicity, oral | Category 4 | |
| | Acute toxicity, inhalation | Category 4 | |
| | Skin corrosion/irritation | Category 2 | |
| | Serious eye damage/eye irritation | Category 2B | |
| | Sensitization, skin | Category 1 | |
| | Carcinogenicity | Category 2 | |
| Environmental hazards | Hazardous to the aquatic environment, acut hazard | e Category 1 | |
| OSHA defined hazards | Not classified. | | |
| Label elements | | | |
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Signal word Hazard statement

Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes eye irritation. Harmful if inhaled. Suspected of causing cancer. Very toxic to aquatic life.

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. Avoid release to the environment.

Warning

| Response | If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. |
|--|---|
| Storage | Store in original unopened package until ready to use. Protect from extreme temperatures. |
| 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. Do not taste or swallow. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing vapors. Avoid contact with eyes. Avoid contact with clothing. After prolonged storage, a small amount of liquid may form on strip. Do not get liquid in eyes. 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. Do not use in hospitals or clinic rooms, such as patient rooms, wards, nurseries, operating or emergency areas. Within homes, use only in closets, wardrobes and cupboards. Do not use in closets and wardrobes of rooms where infants, children and the sick or aged are or will be present for any extended period of confinement. do not use in kitchens (except cupboards), restaurants or areas where food is prepared or served. Do not use in any area of the home where people will be present for extended periods of time. Not to be taken internally by humans or animals. |

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--|---|--|
| DDVP (DICHLORVOS) | | 62-73-7 | 18.6 - < 20 |
| Composition comments | All concentrations are in percent by weight. | | |
| 4. First-aid measures | | | |
| Inhalation | Remove victim to fresh air and keep at rest in artificial respiration if needed. Do not use mou Induce artificial respiration with the aid of a po proper respiratory medical device. Call a phys | uth-to-mouth method if victi ocket mask equipped with a | m inhaled the substa a one-way valve or ot |
| Skin contact | Remove contaminated clothing immediately a eczema or other skin disorders: Seek medical contaminated clothing before reuse. | | |
| Eye contact | Do not rub eyes. Immediately flush eyes with contact lenses, if present and easy to do. Cor develops and persists. | | |
| Ingestion | Rinse mouth. Never give anything by mouth to convulsions. If vomiting occurs, keep head low Do not induce vomiting without advice from po you feel unwell. | w so that stomach content | doesn't get into the lu |
| Most important symptoms/effects, acute and delayed | This product is a Cholinesterase Inhibitor. Pre- aggravated by exposure to components of this cholinesterase levels increase vulnerability to plasma) chronic alcoholism; malnutrition; derr carbon disulfide; benzalkonium salts, organic (for RBC) hemolytic anemia. Acute cholineste nausea, vomiting, diarrhea, abdominal cramp- constricted pupils, blurred vision, tightness in extreme cases, unconsciousness, convulsions occur. Product may cause slight but temporar skin. | s product. Preexisting cond cholinesterase depression natomyositis; existing toxic mercury compounds, cigua rase depression may be ex s, excessive sweating, saliv chest, weakness, muscle t s, severe respiratory depre | litions which lower . these include: (for ity from exposure to atoxins or solanines; videnced by headach vation and tearing, witching and confusion ssion and death may |

| Indication of immediate medical attention and special treatment needed | Note to physicians: This product contains an Organophosphate (OP) Insecticide. However, it is the opinion of the manufacturer/supplier, and their Occupational medical consultant, that any significant exposure to this OP insecticide is highly unlikely. Based upon the formulation of the pest strip the individual's contact with the OP is extremely limited by design. Therefore the examining physician should exercise prudent judgment in determining the causation of the patient's symptoms - taking care to not overlook multiple other etiologies of the patient's symptoms. Contact a local or national poison control center for more information. If it is established that OP poisoning has occurred, the following steps are recommended. Establish airway and oxygenation. IV Atropine sulfate is the antidote of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10 minutes intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion, in 250 cc of saline over a 15 to 20 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5% solution in water over not less than 2 minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 grams. Avoid morphine, aminophylline, phenothiazine, reserpine, furosemide and ethacrynic acid. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesteras |
|--|--|
| | unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube. |
| General information | IF exposed or concerned: Get medical advice/attention. 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 spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | None known. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. Hydrogen chloride, carbon oxides and unidentified organic compounds may be formed when it is heated excessively or burned. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fine fighting | Evenuete avenuelles water aprovite application and containers. Water runoff can acuse |

Fire fighting
equipment/instructionsEvacuate area. Use water spray to cool unopened containers. Water runoff can cause
environmental damage. Dike and collect extinguishing water.Specific methodsUse standard firefighting procedures and consider the hazards of other involved materials.General fire hazardsNo unusual fire or explosion hazards noted.

6. Accidental release measures

| Personal precautions, protective equipment and emergency procedures | 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. Do not breathe dust. 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 | Pick up strips for reuse or disposal. Wash thoroughly with soap and water after handling the strip. For waste disposal, see section 13 of the SDS. |
| Environmental precautions | Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. |
| 7. Handling and storage | |
| Precautions for safe handling | Read label before use. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. |
| Conditions for safe storage, including any incompatibilities | Store in original sealed package until use. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children. Keep away from food, drink and animal feedstuffs. |

8. Exposure controls/personal protection

Occupational exposure limits

| Components | Туре | Value | |
|---|--|---|-------------------------------|
| DDVP (DICHLORVOS) (CAS 62-73-7) | PEL | 1 mg/m3 | |
| US. ACGIH Threshold Lim Components | it Values Type | Value | Form |
| DDVP (DICHLORVOS) (CAS 62-73-7) | TWA | 0.1 mg/m3 | Inhalable fraction and vapor. |
| US. NIOSH: Pocket Guide | to Chemical Hazards | | |
| Components | Туре | Value | |
| DDVP (DICHLORVOS) (CAS 62-73-7) | TWA | 1 mg/m3 | |
| iological limit values | No biological exposure limits noted | for the ingredient(s). | |
| xposure guidelines | | | |
| US ACGIH Threshold Limi | t Values: Skin designation | | |
| DDVP (DICHLORVOS) US NIOSH Pocket Guide to | (CAS 62-73-7) Can o Chemical Hazards: Skin designatio | be absorbed through the skin. n | |
| DDVP (DICHLORVOS) US. OSHA Table Z-1 Limit | (CAS 62-73-7) Can s for Air Contaminants (29 CFR 1910. | be absorbed through the skin. 1000) | |
| DDVP (DICHLORVOS) | (CAS 62-73-7) Can | be absorbed through the skin. | |
| ppropriate engineering ontrols | General ventilation normally adequate. Applicable for industrial settings only: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels b recommended exposure limits. | | |
| dividual protection measure | s, such as personal protective equip | ment | |
| Eye/face protection | Not normally needed. If contact is li | | hields are recommended. |
| Skin protection | | | |
| Hand protection | Not normally needed. For prolonged or repeated skin contact use suitable protective gloves. Nitrile, butyl rubber or neoprene gloves are recommended. | | |
| Other | Not normally needed. | Not normally needed. | |
| Respiratory protection | No personal respiratory protective equipment normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. | | |
| Thermal hazards | Not applicable. | | |
| eneral hygiene | Keep away from food and drink. Alv washing after handling the material | | |

9. Physical and chemical properties

| Appearance | |
|---|----------------------------|
| Physical state | Solid. |
| Form | Rectangular plastic strip. |
| Color | Yellow or Blue |
| Odor | Mild chemical odor |
| Odor threshold | Not available. |
| рН | Not applicable |
| Melting point/freezing point | -76 °F (-60 °C) estimated |
| Initial boiling point and boiling range | Not applicable |
| Flash point | 175 °F (79 °C) estimated |
| Evaporation rate | 10 - 100 mg/day of DDVP |
| Flammability (solid, gas) | Not available. |

Upper/lower flammability or explosive limits

| oppen/lower numinubility of exp | |
|-----------------------------------|--|
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 1.00E-02 mm Hg (DDVP) |
| Vapor density | Heavier than air |
| Relative density | 1.26 |
| Solubility(ies) | |
| Solubility (water) | Negligible |
| Solubility (other) | This product is softened in aromatic and chlorinated solvents. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 68.66 lb/ft ³ |
| Percent volatile | 18.6 % v/v |
| | |

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 | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Contact with incompatible materials. |
| Incompatible materials | Strong acids. Oxidizing agents. Strong bases. |
| Hazardous decomposition products | No hazardous decomposition products are known. 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. |
|--|--|
| Skin contact | Causes skin irritation. May cause an allergic skin reaction. |
| Eye contact | Causes eye irritation. |
| Ingestion | Harmful if swallowed. |
| Symptoms related to the physical, chemical and toxicological characteristics | This product is a Cholinesterase Inhibitor. Preexisting skin or respiratory disorders may be aggravated by exposure to components of this product. Preexisting conditions which lower cholinesterase levels increase vulnerability to cholinesterase depression. These include: (for plasma) chronic alcoholism; malnutrition; dermatomyositis; existing toxicity from exposure to carbon disulfide; benzalkonium salts, organic mercury compounds, ciguatoxins or solanines; and (for RBC) hemolytic anemia. Acute cholinesterase depression may be evidenced by headache, nausea, vomiting, diarrhea, abdominal cramps, excessive sweating, salivation and tearing, constricted pupils, blurred vision, tightness in chest, weakness, muscle twitching and confusion; in extreme cases, unconsciousness, convulsions, severe respiratory depression and death may occur. Product may cause slight but temporary irritation to the eyes and may cause irritation of the skin. |
| Information on toxicological ef | fects |

Acute toxicity

Harmful if inhaled. Harmful if swallowed. May cause an allergic skin reaction.

| | Species | Test Results |
|--|--|---|
| AMVAC Insect Shield™ | | |
| <u>Acute</u> | | |
| Dermal | | |
| LD50 | Rabbit | 27400 mg/kg (intact abdominal skin) |
| Oral | | |
| LD50 | female rat | 382 mg/kg |
| | male rat | 679 mg/kg |
| Skin corrosion/irritation | Causes skin irritation. | |
| Irritation Corrosion - Sk AMVAC Insect Shiel | | Result: Irritant Species: Rabbit |
| Serious eye damage/eye irritation | Causes eye irritation. | |
| Eye | | |
| AMVAC Insect Shiel | d™ | Result: Irritant Species: Rabbit |
| Respiratory or skin sensitization | n | |
| ACGIH sensitization | | |
| DDVP (DICHLORVOS) (| CAS 62-73-7) | Dermal sensitization |
| Respiratory sensitization | Not available. | |
| Skin sensitization | May cause an allergic skin | reaction. |
| Sensitization | | |
| AMVAC Insect Shiel | d™ | Result: Possible sensitizer Species: Guinea pig |
| 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 canc | er. |
| IARC Monographs. Overall | - | ty |
| DDVP (DICHLORVOS) (OSHA Specifically Regulate Not listed. US. National Toxicology Pro | ed Substances (29 CFR 1910 | |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. | ed Substances (29 CFR 1910 ogram (NTP) Report on Carc | .1001-1050) inogens |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - | ed Substances (29 CFR 1910 ogram (NTP) Report on Carc | .1001-1050) |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - | ed Substances (29 CFR 1910 ogram (NTP) Report on Caro This product is not expected | .1001-1050) inogens |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure | ed Substances (29 CFR 1910 ogram (NTP) Report on Carc This product is not expected Not classified. Not classified. | .1001-1050) inogens d to cause reproductive or developmental effects. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard | ed Substances (29 CFR 1910 ogram (NTP) Report on Carc This product is not expected Not classified. Not classified. Not likely, due to the form c | .1001-1050) inogens d to cause reproductive or developmental effects. f the product. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects | ed Substances (29 CFR 1910 ogram (NTP) Report on Carc This product is not expected Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b | .1001-1050) inogens d to cause reproductive or developmental effects. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects | ed Substances (29 CFR 1910 ogram (NTP) Report on Carc This product is not expected Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b | .1001-1050) Sinogens d to cause reproductive or developmental effects. f the product. e harmful. Prolonged exposure may cause chronic effects. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity | ed Substances (29 CFR 1910 ogram (NTP) Report on Carc This product is not expected Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b Very toxic to aquatic life. Th body of water. Do not cont | 1001-1050) inogens d to cause reproductive or developmental effects. f the product. e harmful. Prolonged exposure may cause chronic effects. his product is toxic to fish, birds, and other wildlife. Keep out of any aminate water when disposing of equipment washwaters or wastes. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity Persistence and degradability | ed Substances (29 CFR 1910 ogram (NTP) Report on Card This product is not expected Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b Very toxic to aquatic life. Th body of water. Do not conta No data is available on the | .1001-1050) f the product. e harmful. Prolonged exposure may cause chronic effects. nis product is toxic to fish, birds, and other wildlife. Keep out of any |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential | ed Substances (29 CFR 1910 ogram (NTP) Report on Card This product is not expected Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b Very toxic to aquatic life. Th body of water. Do not conta No data is available on the No data available. | 1001-1050) inogens d to cause reproductive or developmental effects. f the product. e harmful. Prolonged exposure may cause chronic effects. his product is toxic to fish, birds, and other wildlife. Keep out of any aminate water when disposing of equipment washwaters or wastes. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential | ed Substances (29 CFR 1910 ogram (NTP) Report on Card This product is not expected Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b Very toxic to aquatic life. Th body of water. Do not conta No data is available on the | 1001-1050) inogens d to cause reproductive or developmental effects. f the product. e harmful. Prolonged exposure may cause chronic effects. his product is toxic to fish, birds, and other wildlife. Keep out of any aminate water when disposing of equipment washwaters or wastes. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Mobility in soil | ed Substances (29 CFR 1910 ogram (NTP) Report on Card This product is not expected Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b Very toxic to aquatic life. Th body of water. Do not conta No data is available on the No data available. | 1001-1050) inogens d to cause reproductive or developmental effects. f the product. e harmful. Prolonged exposure may cause chronic effects. his product is toxic to fish, birds, and other wildlife. Keep out of any aminate water when disposing of equipment washwaters or wastes. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro- Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Mobility in soil Other adverse effects 13. Disposal consideration | ed Substances (29 CFR 1910 ogram (NTP) Report on Card This product is not expected Not classified. Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b Very toxic to aquatic life. Th body of water. Do not conta No data is available on the No data available. No data available. None known. | .1001-1050) sinogens d to cause reproductive or developmental effects. f the product. e harmful. Prolonged exposure may cause chronic effects. his product is toxic to fish, birds, and other wildlife. Keep out of any aminate water when disposing of equipment washwaters or wastes. degradability of this product. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Mobility in soil Other adverse effects 13. Disposal consideration | ed Substances (29 CFR 1910 ogram (NTP) Report on Carc This product is not expected Not classified. Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b Very toxic to aquatic life. Th body of water. Do not conta No data is available on the No data available. None known. ns Dispose of product and pac plastic bag before putting it | A to cause reproductive or developmental effects. f the product. e harmful. Prolonged exposure may cause chronic effects. his product is toxic to fish, birds, and other wildlife. Keep out of any aminate water when disposing of equipment washwaters or wastes. degradability of this product. kaging in the trash. Wrap the strip in paper and place in a sealed in the trash. |
| OSHA Specifically Regulate Not listed. US. National Toxicology Pro Not available. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Mobility in soil Other adverse effects | ed Substances (29 CFR 1910 ogram (NTP) Report on Card This product is not expected Not classified. Not classified. Not classified. Not likely, due to the form of Prolonged inhalation may b Very toxic to aquatic life. Th body of water. Do not conta No data is available on the No data available. No data available. None known. | Another the strip in paper and place in a sealed in the trash. |

| Waste from residues / unused products | Unused products can typically be disposed in the trash. Dispose of in accordance with all applicable regulations. |
|--|--|
| Contaminated packaging | As a household waste, the spent strip should be wrapped in paper, placed in a sealed plastic bag, and put into the trash. If large numbers of strips are to be discarded the local authorities or the EPA should be contacted to find out the current regulations. The empty package can be placed in the trash. |
| 14 Transport information | |

14. Transport information

DOT

| DO | 1 | |
|-----|------------------------------|--|
| | UN number | UN3077 |
| | UN proper shipping name | Environmentally hazardous substances, solid, n.o.s. (Dichlorvos), MARINE POLLUTANT |
| | Transport hazard class(es) | |
| | Class | 9 |
| | Subsidiary risk | |
| | Label(s) | 9 |
| | Packing group | |
| | Environmental hazards | |
| | Marine pollutant | Yes |
| | • | Read safety instructions, SDS and emergency procedures before handling. |
| | Special provisions | 8, 146, 335, A112, B54, IB8, IP3, N20, T1, TP33 |
| | Packaging exceptions | 155 |
| | Packaging non bulk | 213 |
| | Packaging bulk | 240 |
| ΙΑΤ | | 270 |
| | UN number | UN3077 |
| | UN proper shipping name | |
| | | Environmentally hazardous substance, solid, n.o.s. (Dichlorvos) |
| | Transport hazard class(es) | |
| | Class | 9 |
| | Subsidiary risk | - |
| | Packing group | |
| | Environmental hazards | No. |
| | ERG Code | 9L |
| | | Read safety instructions, SDS and emergency procedures before handling. |
| | Other information | |
| | Passenger and cargo | Allowed with restrictions. |
| | aircraft | |
| | Cargo aircraft only | Allowed with restrictions. |
| IME | | |
| | UN number | UN3077 |
| | UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dichlorvos), MARINE |
| | - | POLLUTANT |
| | Transport hazard class(es) | |
| | Class | 9 |
| | Subsidiary risk | - |
| | Packing group | |
| | Environmental hazards | |
| | Marine pollutant | Yes |
| | EmS | F-A, S-F |
| | Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Tra | nsport in bulk according to | Not applicable. |
| Anı | nex II of MARPOL 73/78 and | |
| the | IBC Code | |
| | | |

| DOT; IATA; IMDG | | | | | | | | |
|--------------------------------------|--|---|-----------------------------|--|--|--|--|--|
| 9 | | | | | | | | |
| Marine pollutant | | | | | | | | |
| | > | | | | | | | |
| General information | DOT Regula | ated Marine Pol | lutant. IMDG Regulated | Marine Pollutant. | | | | |
| | (maximum o | capacity of 450 | | | bulk packaging sel or in bulk packaging | | | |
| 15. Regulatory inform | ation | | | | | | | |
| US federal regulations | Standard, 2 violation of | 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. 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) Ex | SCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) | | | | | | | |
| Not regulated. | Not regulated. | | | | | | | |
| | - | CFR 302.4) | Linted | | | | | |
| DDVP (DICHLORV SARA 304 Emergency | | n | Listed. | | | | | |
| DDVP (DICHLORV | | | 10 LBS | | | | | |
| OSHA Specifically Reg Not listed. | | s (29 CFR 1910 | | | | | | |
| Superfund Amendments ar | nd Reauthorization | n Act of 1986 (S | SARA) | | | | | |
| Hazard categories | | Hazard - Yes zard - Yes - No azard - No | , | | | | | |
| SARA 302 Extremely h | azardous substan | се | | | | | | |
| Chemical name | CAS number | Reportable quantity | Threshold planning quantity | Threshold planning quantity, lower value | Threshold planning quantity, upper value | | | |
| DDVP (DICHLORVOS) | 62-73-7 | 10 | 1000 lbs | | | | | |

SARA 311/312 Hazardous chemical

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|-------------------|------------|-------------|
| DDVP (DICHLORVOS) | 62-73-7 | 18.6 - < 20 |

Yes

| Other federa | l regulations |
|--------------|---------------|
|--------------|---------------|

DDVP (DICHLORVOS) (CAS 62-73-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated. (SDWA)

US state regulations

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

- US. Massachusetts RTK Substance List DDVP (DICHLORVOS) (CAS 62-73-7)
- US. New Jersey Worker and Community Right-to-Know Act DDVP (DICHLORVOS) (CAS 62-73-7)
- US. Pennsylvania Worker and Community Right-to-Know Law DDVP (DICHLORVOS) (CAS 62-73-7)
- US. Rhode Island RTK

DDVP (DICHLORVOS) (CAS 62-73-7)

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

International Inventories

Country(s) or region Inventory name

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

*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 | 04-17-2015 |
| Revision date | 06-03-2015 |
| 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 # | 02 |
| Further information | Not available. |
| HMIS® ratings | Health: 2* Flammability: 1 Physical hazard: 0 |
| NFPA ratings | Health: 2 Flammability: 1 Instability: 0 |

On inventory (yes/no)*

No

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