according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 07/16/2018 Version: 1.0

| SECTION 1: Identification | | | | |
|--|-------------------|---|---------|--|
| 1.1. Identification | | | | |
| Product form | : Mixtu | re | | |
| roduct name | | DRON® 4G | | |
| ther means of identification | | : EPA Reg. No. 400-168 | | |
| | | mixture and uses advised against | | |
| ecommended use | : Herbi | | | |
| estrictions on use | | ulture,For professional users only | | |
| | . Ayrıc | ulture, For professional users only | | |
| .3. Details of the supplier of the safe MacDermid Agricultural Solutions, Inc. 45 Freight Street Vaterbury, CT 06702-1818 - USA 1-866-761-9397 | ety data she | et | | |
| .4. Emergency telephone number | | | | |
| Emergency number | Spill o | sure calls (PROPHARMA): 1-866-303-69 calls (CHEMTREC) (Contract # CCN177 national) | | |
| ECTION 2: Hazards identification | 1 | | | |
| .1. Classification of the substance o | r mixture | | | |
| HS-US classification | | | | |
| omb. Dust | | | | |
| ull text of hazard classes and H-statements | : see section | 16 | | |
| | | | | |
| .2. Label elements | | | | |
| HS-US labelling | | | | |
| ignal word (GHS-US) | : Warn | ing | | |
| azard statements (GHS-US) | | orm combustible dust concentrations in | air | |
| . , | . May i | | ali | |
| 3. Other hazards | | | | |
| o additional information available | | | | |
| 4. Unknown acute toxicity (GHS US | | | | |
| 9.94% of the mixture consists of ingredient(s 9.94% of the mixture consists of ingredient(s 9.94% of the mixture consists of ingredient(s |) of unknow | n acute toxicity (Dermal) | | |
| ECTION 3: Composition/informa | tion <u>on in</u> | gredients | | |
| 1. Substances | | | | |
| ot applicable | | | | |
| 2. Mixtures | | | | |
| Name | | Product identifier | % (w/w) | GHS-US classification |
| dichlobenil (ISO); 2,6-dichlorobenzonitrile (Active) | | (CAS-No.) 1194-65-6 | 4 | Acute Tox. 4 (Dermal), H312 Aquatic Chronic 2, H411 Comb. Dust |
| ull text of H-statements: see section 16 | | 1 | 1 | |
| ECTION 4: First aid measures | | | | |
| | | | | |
| 1. Description of first aid measures | | aive enthing by month to an up of a | | |
| rst-aid measures general | | r give anything by mouth to an unconscience | • | ~~ |
| irst-aid measures after inhalation irst-aid measures after skin contact | : Wash | ove person to fresh air and keep comfort a skin thoroughly with mild soap and wate e reuse. | | |
| 2/16/2019 | | naliah) | | Pogo 1 |

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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present First-aid measures after eye contact and easy to do. Continue rinsing. : Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. First-aid measures after ingestion 4.2. Most important symptoms and effects, both acute and delayed Symptoms/effects after eye contact : May cause slight irritation. 4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting measures 5.1. **Extinguishing media** Suitable extinguishing media : Carbon dioxide. Dry chemical. alcohol resistant foam. Water fog. Unsuitable extinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture Fire hazard : Combustible Dust. Burning produces irritating, toxic and noxious fumes. Explosion hazard : Dust may form explosive mixture in air. Reactivity : No dangerous reactions known. Advice for firefighters 5.3. **Firefighting instructions** : Cool adjacent structures and containers with water spray to protect and prevent ignition. Do not allow run-off from fire fighting to enter drains or water courses. Protection during firefighting : Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing. **SECTION 6: Accidental release measures** 61 Personal precautions, protective equipment and emergency procedures : Avoid contact with skin, eyes and clothing. Do not breathe dust. Use personal protective General measures equipment as required. 6.1.1. For non-emergency personnel Protective equipment : Refer to section 8.2. Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders : Refer to section 8.2. Protective equipment Emergency procedures : Ventilate area. 6.2. **Environmental precautions** Do not discharge into drains or the environment. 6.3. Methods and material for containment and cleaning up For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Methods for cleaning up : Absorb and/or contain spill with inert material, then place in suitable container. **Reference to other sections** 6.4. Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

| SECTION 7: Handling and storage | | |
|---|--|------|
| 7.1. Precautions for safe handling | | |
| Precautions for safe handling : | Do not breathe vapours. Avoid contact with skin, eyes and clothing. Ensure good ventilation the work station. Use personal protective equipment as required. Do not breathe dust. | n of |
| Hygiene measures : | Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Smoking, eating and drinking should be prohibited in areas of storage and use. Do not eat, drink or smoke when using this product. | re |
| 7.2. Conditions for safe storage, including | any incompatibilities | |
| Storage conditions : | Keep container closed when not in use. | |
| Incompatible products : | Strong acids. Strong oxidizers. Strong bases. | |
| Storage area : | Store in dry, cool, well-ventilated area. | |
| 7.3. Specific end use(s) | | |
| No additional information available | | |
| 07/16/2018 | EN (English) | 2/7 |

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| SECTION 8: Exposure controls/personal protection | | |
|---|----------------|--|
| 8.1. Control parameters | | |
| CASORON® 4G | | |
| ACGIH | Not applicable | |
| OSHA | Not applicable | |
| dichlobenil (ISO); 2,6-dichlorobenzonitrile (1194-65-6) | | |
| ACGIH | Not applicable | |
| OSHA | Not applicable | |
| | | |
| 3.2. Appropriate enginee | ring controls | |

| Appropriate engineering controls | : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station. Avoid dispersal of dust in the air (ie, clearing dust surfaces with compressed air). |
|--|--|
| En de la contrat de la companya de la contrata | |

Environmental exposure controls

: Prevent leakage or spillage.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear suitable gloves resistant to chemical penetration

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Impervious clothing

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Dust mask

Other information:

Do not eat, drink or smoke when using this product.

| SECTION 9: Physical and chemi | cal properties |
|--|---------------------|
| 9.1. Information on basic physical a | |
| Physical state | : Solid |
| Appearance | : granules. |
| Colour | : Gray |
| Odour | : aromatic |
| Odour threshold | : No data available |
| рН | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Explosive limits | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Vapour pressure | : No data available |
| Relative density | : No data available |
| Relative vapour density at 20 °C | : No data available |

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| Density | : No data available | |
|---------------------------|---------------------|--|
| Solubility | : Dispersible. | |
| Log Pow | : No data available | |
| Log Kow | : No data available | |
| Auto-ignition temperature | : >400 °C | |
| Decomposition temperature | : No data available | |
| Viscosity | : No data available | |
| Viscosity, kinematic | : No data available | |
| Viscosity, dynamic | : No data available | |
| | | |

9.2. **Other information**

No additional information available

| SECTION 10: Stability and reactivity 10.1 Reactivity No dargerous reactions known. 10.2 Chemical stability Stable under normal conditions. 10.3. Possibility of hazardous reactions Hazardous poymerization will not occut. 10.4. Conditions to avoid Heat. | No additional information available | |
|--|--|---|
| 10.1. Reactivity No dargerus reactions known. 10.2. Chemical stability Stable under normal conditions. 10.3. Possibility of hazardous reactions Hazardous polymerization will not occur. 10.4. Conditions to avoid Heat. 10.5. Incompatible materials Strong axidizers. 10.6. Hazardous decomposition products None known. SECTION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASORON% 4G | SECTION 10: Stability and reactivity | |
| 10.2. Chemical stability Stable under normal conditions. 10.3. Possibility of hazardous preactions Hazardous polymerization will not occur. 10.4. Conditions to avoid Heat. 10.5. Incompatible materials Strong acids. Strong oxidizers. 10.6. Hazardous decomposition products None known. SECTION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASORON@ 46 | | |
| Stable under normal conditions. 10.3. Possibility of hazardous reactions Hazardous polymerization will not occur. 10.4. Conditions to avoid Heat. 10.5. Incompatible materials Strong acids. Strong oxiderers. 10.6. Hazardous decomposition products None known. StectION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Not classified LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 oral rat 2000 mg/kg LD50 oral rat 150 mg/kg bodyweight | No dangerous reactions known. | |
| Stable under normal conditions. 10.3. Possibility of hazardous reactions Hazardous polymerization will not occur. 10.4. Conditions to avoid Heat. 10.5. Incompatible materials Strong acids. Strong oxiderers. 10.6. Hazardous decomposition products None known. StectION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Internation on toxicological effects Likely routes of exposure : Internation on toxicological offects Libso oral rat > LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg Catalistied (Not classified (Not classified (Not classified (Not classified (Not classified | 10.2. Chemical stability | |
| Hazardous polymerization will not occur. 10.4. Conditions to avoid Heat. 10.5. Incompatible materials Strong acids. Strong oxidizers. 10.6. Hazardous decomposition products Nore known. SECTION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASOROM® 4G LD50 oral rat > 5000 mg/kg LD50 dermal ratbit > 2000 mg/kg LD50 dermal ratbit > 2000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal ratbit 1350 mg/kg LD50 dermal ratbit 1350 mg/kg LD50 dermal ratbit 1350 mg/kg CASOROM® 4G LD50 dermal ratbit 1350 mg/kg CASOROM® 4G LD50 dermal ratbit 1350 mg/kg CASOROM® 4G LD50 dermal ratbit 1350 mg/kg LD50 dermal ratbit 1350 mg/kg LD50 dermal ratbit 1350 mg/kg CASOROM® 4G CASOROM® 4 | | |
| Hazardous polymerization will not occur. 10.4. Conditions to avoid Heat. 10.5. Incompatible materials Strong acids. Strong oxidizers. 10.6. Hazardous decomposition products Nore known. SECTION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASOROM® 4G LD50 oral rat > 5000 mg/kg LD50 dermal ratbit > 2000 mg/kg LD50 dermal rat LS00 mg/kg LD50 dermal rat S 2000 mg/kg LD50 dermal rat S 2 000 mg/kg LD50 dermal rat | 10.3. Possibility of hazardous reactions | |
| 10.4. Conditions to avoid Heat. 10.5. Incompatible materials Strong acids. Strong oxidizers. 10.6. Hazardous decomposition products None known. SECTION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASORON® 4G LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 2000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg Germale | | |
| Heat. 10.5. Incompatible materials Strong acids. Strong oxidizers. 10.6. Hazardous decomposition products None known. SECTION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure 2. Inhalation; Skin and eye contact Acute toxicity CASORONE 4G LD50 oral rat > 5000 mg/kg LD50 odernal rabbit > 5000 mg/kg LD50 odernal rat > 5000 mg/kg LD50 odernal rat > 2000 mg/kg LD50 odernal ratbit 1 350 mg/kg bodyweight Skin corrosion/irritation : Not classified (Kot triritating to rabbits on cutaneous application) Serious eye damage/irritation : Not classified (Sightly irritant but not relevant for classification) Respiratory or skin sensitisation : Not classified | | |
| Strong acids. Strong oxidizers. 10.6. Hazardous decomposition products None known. SECTION 111: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Acute toxicity : CASORON® 4G LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 2000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg LD50 dermal ration > 2000 mg/kg LD50 dermal ration > 1350 mg/kg bodyweight Skin corrosion/irritation : Not classified (Not classified (Not classified (Not classified) Serious eye damage/irritation : Not classified (Not classified) Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Carcin | | |
| Strong acids. Strong oxidizers. 10.6. Hazardous decomposition products None known. SECTION 111: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Acute toxicity : CASORON® 4G LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 2000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg LD50 dermal ration > 2000 mg/kg LD50 dermal ration > 1350 mg/kg bodyweight Skin corrosion/irritation : Not classified (Not classified (Not classified (Not classified) Serious eye damage/irritation : Not classified (Slightly irritant but not relevant for classification) Respiratory or skin sensitisation : Not classified (Not classified Carcinogenicity : Not classified Carcinogenicity | 10.5. Incompatible materials | |
| 10.6. Hazardous decomposition products None known. SECTION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Acute toxicity : CASORON® 46 | | |
| None known. SECTION 11: Toxicological information 11.1 Information on toxicological effects Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASORON® 4G LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 2000 mg/kg dichlobenil (ISO); 2,6-dichlorobenzonitrile (1194-65-6) | | |
| SECTION 11: Toxicological information 11.1. Information on toxicological effects Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASORON® 4G LD50 oral rat > 5000 mg/kg dichlobenil (ISO); 2,6-dichlorobenzonitrile (1194-65-6) | | |
| 11.1. Information on toxicological effects Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASORON® 4G LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 2000 mg/kg LD50 dermal rabbit > 2000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg ATE US (dermal) 1 350 mg/kg bodyweight Skin corrosion/irritation : Not classified (Not irritating to rabbits on cutaneous application) Serious eye damage/irritation : Not classified (Slightly irritant but not relevant for classification) Respiratory or skin sensitisation : Not classified (No censitizing reaction was observed for guinea pigs) Germ cell mutagenicity : Not classified Carcinogenicity : Not clas | | on |
| Likely routes of exposure : Inhalation; Skin and eye contact Acute toxicity : Not classified CASORON@ 4G | | |
| Acute toxicity : Not classified CASORON® 4G > 5000 mg/kg LD50 oral rat > 2000 mg/kg dichlobenil (ISO); 2,6-dichlorobenzonitrile (1194-65-6) | | · Inhalation: Skin and eve contact |
| CASORON® 4G LD50 oral rat > 5000 mg/kg LD50 dermal rabbit > 2000 mg/kg dichlobenil (ISO); 2,6-dichlorobenzonitrile (1194-65-6) LD50 dermal rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg LD50 dermal rat > 2000 mg/kg LD50 dermal rabbit 1350 mg/kg ATE US (dermal) 1350 mg/kg bodyweight Skin corrosion/irritation : Not classified (Not irritating to rabbits on cutaneous application) Serious eye damage/irritation : Not classified (Slightly irritant but not relevant for classification) Respiratory or skin sensitisation : Not classified (No sensitizing reaction was observed for guinea pigs) Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified | | |
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| LD50 dermal rabbit > 2000 mg/kg dichlobenil (ISO); 2,6-dichlorobenzonitrile (1194-65-6) LD50 oral rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg LD50 dermal rat > 2000 mg/kg LD50 dermal rat > 2000 mg/kg ATE US (dermal) 1350 mg/kg bodyweight Skin corrosion/irritation : Not classified (Not irritating to rabbits on cutaneous application) Serious eye damage/irritation : Not classified (Slightly irritant but not relevant for classification) Respiratory or skin sensitisation : Not classified (No sensitizing reaction was observed for guinea pigs) Germ cell mutagenicity : Not classified Carcinogenicity : Not classified StoT-single exposure : Not classified STOT-repeated exposure : Not classified | | > 5000 mg/kg |
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| LD50 oral rat> 5000 mg/kgLD50 dermal rat> 2000 mg/kgLD50 dermal rabbit1350 mg/kgATE US (dermal)1350 mg/kg bodyweightSkin corrosion/irritation: Not classified (Not irritating to rabbits on cutaneous application)Serious eye damage/irritation: Not classified (Slightly irritant but not relevant for classification)Respiratory or skin sensitisation: Not classified (No sensitizing reaction was observed for guinea pigs)Germ cell mutagenicity: Not classified (No classified (No classified (No sensitizing reaction was observed for guinea pigs)Reproductive toxicity: Not classified STOT-single exposureSTOT-repeated exposure: Not classified | | |
| LD50 dermal rat> 2000 mg/kgLD50 dermal rabbit1350 mg/kgATE US (dermal)1350 mg/kg bodyweightSkin corrosion/irritation: Not classified (Not irritating to rabbits on cutaneous application)Serious eye damage/irritation: Not classified (Slightly irritant but not relevant for classification)Respiratory or skin sensitisation: Not classified (No sensitizing reaction was observed for guinea pigs)Germ cell mutagenicity: Not classified (Not classified (Not classified (Not classified (Not classified sensitisation)Reproductive toxicity: Not classified STOT-single exposureSTOT-repeated exposure: Not classified | | |
| ATE US (dermal)1350 mg/kg bodyweightSkin corrosion/irritation: Not classified (Not irritating to rabbits on cutaneous application)Serious eye damage/irritation: Not classified (Slightly irritant but not relevant for classification)Respiratory or skin sensitisation: Not classified (No sensitizing reaction was observed for guinea pigs)Germ cell mutagenicity: Not classified (No tassified 2 in classifiedReproductive toxicity: Not classified sifiedSTOT-single exposure: Not classified itedSTOT-repeated exposure: Not classified | LD50 dermal rat | |
| Skin corrosion/irritation: Not classified (Not irritating to rabbits on cutaneous application)Serious eye damage/irritation: Not classified (Slightly irritant but not relevant for classification)Respiratory or skin sensitisation: Not classified (No sensitizing reaction was observed for guinea pigs)Germ cell mutagenicity: Not classified (No classified variance)Carcinogenicity: Not classifiedReproductive toxicity: Not classified variance)STOT-single exposure: Not classifiedSTOT-repeated exposure: Not classified | LD50 dermal rabbit | |
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| Serious eye damage/irritation: Not classified (Slightly irritant but not relevant for classification)Respiratory or skin sensitisation: Not classified (No sensitizing reaction was observed for guinea pigs)Germ cell mutagenicity: Not classifiedCarcinogenicity: Not classifiedReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-repeated exposure: Not classified | Skin corrosion/irritation | : Not classified |
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| Respiratory or skin sensitisation: Not classified (No sensitizing reaction was observed for guinea pigs)Germ cell mutagenicity: Not classifiedCarcinogenicity: Not classifiedReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-repeated exposure: Not classified | Serious eye damage/irritation | : Not classified |
| Germ cell mutagenicity: Not classifiedCarcinogenicity: Not classifiedReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-repeated exposure: Not classified | | (Slightly irritant but not relevant for classification) |
| Germ cell mutagenicity: Not classifiedCarcinogenicity: Not classifiedReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-repeated exposure: Not classified | Respiratory or skin sensitisation | : Not classified |
| Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified | | (No sensitizing reaction was observed for guinea pigs) |
| Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified | Germ cell mutagenicity | : Not classified |
| STOT-single exposure : Not classified STOT-repeated exposure : Not classified | Carcinogenicity | : Not classified |
| STOT-single exposure : Not classified STOT-repeated exposure : Not classified | Reproductive toxicity | : Not classified |
| | | |
| | STOT-repeated exposure | · Not classified |
| Aspiration hazard : Not classified | | |
| | Aspiration hazard | : Not classified |
| | | |

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Symptoms/effects after eve contact

: May cause slight irritation.

| Symptoms/effects after eye contact | : May cause slight irritation. |
|--|---|
| SECTION 12: Ecological informati | on |
| 12.1. Toxicity | |
| Ecology - water | : Harmful to aquatic life with long lasting effects. |
| CASORON® 4G | |
| LC50 fish 1 | 317 mg/l 96 h |
| EC50 Daphnia 1 | 155 mg/l 48 h |
| dichlobenil (ISO); 2,6-dichlorobenzonitril | e (1194-65-6) |
| LC50 fish 1 | 7.2 mg/l 96 h Oncorhynchus mykiss |
| EC50 Daphnia 1 | 1.92 mg/l 48 h |
| NOEC (acute) | 2.6 mg/l 96 h Oncorhynchus mykiss |
| 12.2. Persistence and degradability | |
| CASORON® 4G | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| dichlobenil (ISO); 2,6-dichlorobenzonitril | e (1194-65-6) |
| Persistence and degradability | Not readily biodegradable. |
| 12.3. Bioaccumulative potential | |
| CASORON® 4G | |
| Bioaccumulative potential | Not established. |
| | |
| 12.4. Mobility in soil | |
| CASORON® 4G | |
| Ecology - soil | Not established. |
| 12.5. Other adverse effects | |
| | |
| Other information | : No additional information available. |
| SECTION 12: Disposal considerat | ione |
| SECTION 13: Disposal considerat | lons |
| 13.1. Waste treatment methods | · Dispose in a safe manner in accordance with local/patienal regulations |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
| SECTION 14: Transport informatic | bn . |
| Department of Transportation (DOT) | |
| In accordance with DOT | |
| Not regulated | |
| Not regulated. | |
| Transport by sea | |
| IMDG | |
| Transport hazard class(es) (IMDG) | : Not applicable |
| Marine pollutant | : No |
| Air transport | |
| IATA | |
| Transport hazard class(es) (IATA) | : Not applicable |
| Marine pollutant | |
| | |
| SECTION 15: Regulatory informat | ion |
| 15.1. US Federal regulations | |
| | |

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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| dichlobenil (ISO); 2,6-dichlorobenzonitrile (11 | 94-65-6) | |
|---|--|--|
| Not subject to reporting requirements of the Unit | ed States SARA Section 313 | |
| EPA TSCA Regulatory Flag | Exempt from TSCA Regulation under FIFRA Section 3 (2)(B)(ii) when used as a pesticide. | |
| CERCLA RQ | 100 lb | |
| FIFRA Labelling | | |
| EPA Registration Number | 400-168 | |
| data sheets (SDS), and for workplace labels of n | requirements differ from the classification criteria and hazard information required for safety on-pesticide chemicals. The hazard information required on the pesticide label is reproduced portant information, including directions for use Caution | |
| FIFRA Human Health Hazards | Causes moderate eye irritation. Harmful if swallowed. | |
| FIFRA First Aid | Avoid contact with skin, eyes or clothing. Avoid breathing dust. | |
| FIFRA Environmental Hazards | Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. This chemical has properties and characteristics associated with chemicals detected in ground-water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination. | |

15.2. International regulations

CANADA

dichlobenil (ISO); 2,6-dichlorobenzonitrile (1194-65-6)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

15.3. US State regulations

This product can expose you to Silicon dioxide (cristobalite), which is known to the State of California to cause cancer, and \Lambda WARNING Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

dichlobenil (ISO); 2,6-dichlorobenzonitrile (1194-65-6)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New York Reporting of Releases Part 597 List of Hazardous Substances

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information Data sources : ACGIH (American Conference of Government Industrial Hygienists). European Chemicals Agency (ECHA) C&L Inventory database. Accessed at http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html. Other information : None. Full text of H-statements:

| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
|-----------------------|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Comb. Dust | Combustible Dust |
| H312 | Harmful in contact with skin. |
| H411 | Toxic to aquatic life with long lasting effects. |

Abbreviations and acronyms:

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | ATE: Acute Toxicity Estimate |
|--------------------|--|
| | CAS (Chemical Abstracts Service) number |
| | EC50: Environmental Concentration associated with a response by 50% of the test population |
| | GHS: Globally Harmonized System (of Classification and Labeling of Chemicals). |
| | LD50: Lethal Dose for 50% of the test population |
| | OSHA: Occupational Safety & Health Administration |
| | STEL: Short Term Exposure Limits |
| | TSCA: Toxic Substances Control Act |
| | TWA: Time Weighted Average |
| NFPA health hazard | : 1 - Materials that, under emergency conditions, can cause significant irritation. |
| NFPA fire hazard | : 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur. |
| NFPA reactivity | : 0 - Normally stable, even under fire exposure conditions, and not reactive with water. |
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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product