

Product Safety Comparison Analysis

DECON7

Path-Away® Poultry Protectant

<p>Classification: Chemical based</p> <p>Precautionary Statements:</p> <ol style="list-style-type: none"> I. Causes skin irritation II. Causes serious eye irritation III. Contains gas under pressure. May explode if heated. IV. Wash face, hands and any exposed skin thoroughly after using. V. Wear protective gloves/eye protection/face protection. VI. If exposed call POISON CENTER or doctor/physician. VII. If skin irritation get medical advice/attention. VIII. Remove contaminated clothing and wash before reuse. IX. Harmful to aquatic life with long lasting effects X. 8.04% consists of ingredients of UNKNOWN TOXICITY! 	<p>Classification: Plant based and Organic</p> <p>Precautionary Statements:</p> <ol style="list-style-type: none"> I. Eye protection recommended
<p>Composition: ALL CHEMICAL BASED</p> <ol style="list-style-type: none"> II. Propylene glycol III. Hydrogen peroxide IV. Quat ammonium compounds V. Nitrogen gas 	<p>Composition: ORGANIC & PLANT BASED</p> <ol style="list-style-type: none"> I. Citric family extract combo II. Citrus pulp III. Glycerin IV. Dextrine
<p>First aid measures:</p> <ol style="list-style-type: none"> I. General advice Avoid contact with eyes, skin, and clothing. Avoid breathing, vapors, mist, or gas. II. Eye contact immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice. III. Skin contact Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Get medical attention immediately if symptoms occur. IV. Inhalation Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately. 	<p>First aid measures:</p> <ol style="list-style-type: none"> I. Eyes: Flush with large amounts of water. Concentrations > 5% II. Skin: Non-irritant Concentrations < 5% III. Inhalation: Standard ASHRAE ventilation required when mixing concentrate IV. Ingestion: Wash mouth with water. Sip glasses of water if able to swallow. Treat symptomatically. V. LD50 = 180,000 mg/kg live body weight at 3.0% concentration. <p>NOTES:</p> <ol style="list-style-type: none"> I. Product is used as hand sanitizer, anti-fungal skin/foot spray and women's vaginal gel.

<p>V. Ingestion Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.</p> <p>VI. Most important symptoms/effects, acute and delayed</p> <p>VII. Main Symptoms Causes skin and eye irritation. Causes serious eye damage. May cause respiratory irritation.</p> <p>VIII. May be harmful if swallowed.</p> <p>IX. Indication of immediate medical attention and special treatment needed, if necessary</p> <p>X. Notes to physician Treat symptomatically.</p>	
<p>Firefighting measures:</p> <p>I. Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.</p>	<p>Firefighting measures:</p> <p>I. Flash Point: 340 degrees F / 171 degrees C</p> <p>II. Extinguishing Media: Foam, water fog, Carbon Dioxide or Dry Chemical approved.</p> <p>III. Flammable Limits: LEL and UEL are NOT applicable.</p>
<p>Handling and storage:</p> <p>I. Avoid contact with eyes.</p> <p>II. Avoid breathing vapors or mists.</p> <p>III. Do not puncture .</p> <p>IV. Avoid skin contact.</p> <p>V. Use with adequate ventilation.</p> <p>VI. Keep container away from heat, flames, and all other sources of ignition.</p> <p>VII. Keep can away from all sources of electricity such as electric motors and batteries.</p> <p>VIII. Do not spray on hot surfaces.</p>	<p>Handling and storage:</p> <p>I. Use reasonable care when handling.</p> <p>II. Store upright in a cool dry place. Keep original plastic or glass containers tightly closed.</p> <p>III. Do not store in direct sunlight/ Optimal temperature for storage is 59F – 77 F / 15C – 25C.</p> <p>IV. Product has a shelf life of five (5) years when stored under optimal conditions.</p>
<p>Exposure control/Personal protection:</p> <p>I. Showers</p> <p>II. Eyewash stations</p> <p>III. Ventilation systems</p> <p>IV. Eye/Face Protection Safety glasses with side-shields.</p> <p>V. Skin and body protection Chemical resistant apron. Protective gloves.</p> <p>VI. Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/OSHA approved respiratory protection should be worn.</p> <p>VII. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.</p>	<p>Exposure control/Personal protection:</p> <p>I. Respiratory Protection: None required when using or applying finished product.</p> <p>II. Eye protection is recommended. No other protective clothing is required.</p> <p>III. Ventilation: Normal ASHRAE ventilation is acceptable. Be sure to meet minimum ASHRAE requirements when and if handling concentrate.</p> <p>IV. Monitoring: All ingredients are listed as non-hazardous and/or US EPA GRAS (Generally Regarded As Safe).</p>
<p>Toxicological information:</p>	<p>Toxicological information:</p>

<ul style="list-style-type: none"> I. Inhalation: Avoid breathing vapors or mists. II. Eye contact: Avoid contact with eyes and skin. III. Skin contact: Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis. IV. Ingestion: May be harmful if swallowed. V. LDL50 Oral: PROPYLENE GLYCOL 0.02 mg/kg VI. LDL50 Oral: HYDROGEN PEROXIDE 1518mg/kg VII. <p>NOTES:</p> <ul style="list-style-type: none"> I. Hydrogen peroxide is classified as an: ANIMAL CARCINOGEN II. Prolonged skin contact may defat the skin and produce dermatitis. III. Inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. 	<ul style="list-style-type: none"> I. Eyes: May cause slight transient (temporary) eye irritation. II. Skin: No effects noticed in levels < 10% III. Oral LDL50 @ 3.0% concentration: = >5,000 mg/kg live body weight. IV. Inhalation: Closed chamber exposure for 8 hrs./day during 5 days/week for 90 days = no effect at 100-150 mg/m3 air. V. Chronic: None observed. VI. Acute: None observed. VII. 12 month test in mice and 24 month test in rats shows no carcinogenic effects. Product contains no carcinogens.
<p>Ecological effects:</p> <ul style="list-style-type: none"> I. Toxic to algae II. Toxic to fish III. Toxic to daphnia and other aquatic invertebrates 	<p>Ecological effects:</p> <ul style="list-style-type: none"> I. Non-toxic to aquatic animals. II. Non-toxic to bees. III. Non-toxic to daphnia and other aquatic invertebrates.
<p>Bioaccumulation adverse effects:</p> <ul style="list-style-type: none"> I. None available 	<p>Bioaccumulation:</p> <ul style="list-style-type: none"> I. Based largely or completely on information for primary raw material, Path-Away® is biodegradable under aerobic conditions. Biodegradation is expected to be achieved in any secondary wastewater treatment facility.
<p>US Federal regulations:</p> <ul style="list-style-type: none"> I. Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372: II. This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302): 	<p>US Federal regulations:</p> <ul style="list-style-type: none"> I. This product has been reviewed according to EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered , under applicable definitions, to meet the following categories: Not to have met any hazard category II. HMIS Information: Health = 0 Flammability = 0 Reactivity = 0 Protection = 0 III. ATF Distilled Spirits Act: Not applicable.
<p>SPECIAL NOTATIONS:</p>	<p>SPECIAL NOTATIONS:</p>

<ul style="list-style-type: none">I. <i>Propylene glycol is approximately 9,000,000 (nine million) x more toxic!</i>II. <i>Hydrogen peroxide is approximately 118 x more toxic!</i>III. <i>The fact of potential animal carcinogenicity is a major issue.</i>	<ul style="list-style-type: none">I. BioGro Certified #5479 + N.Z. ACVM Act 1997*II. European Community Approval (EU) numbersIII. JAS, Japan Standards 2009IV. USA Organic List Numbers and Resolutions 2004 MPI-OOAP EU, MPI-OOAP USDA, MPI-OOAP Taiwan. USA EPA Exempt
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