

1. Identification

Product identifier **GP PRO ActiveAire® Urinal Screen, Citrus**

Product list GP PRO ActiveAire® Low-Splash Deodorizer Urinal Screen, Citrus SKU 48265
 GP PRO ActiveAire® Deodorizer Urinal Screen, Citrus SKU 48275

Other means of identification None.

Recommended use Washroom urinal care

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Georgia-Pacific Consumer Products LP

Address 133 Peachtree Street, NE
Atlanta, GA 30303

Telephone Technical Information: 866.435.5647
(M)SDS Request: 404.652.5119

E-mail MSDSREQ@GAPAC.com

Emergency phone number Chemtrec - Emergency: 800.424.9300

Importer/Supplier/Distributor Not applicable.

2. Hazard identification

Emergency overview This is a consumer care product that is safe for consumers when used according to the label directions.

Physical hazards Not classified.

Health hazards Sensitization, skin Category 1

Environmental hazards Hazardous to the aquatic environment, long-term hazard Category 3

Label elements



Signal word Warning

Hazard statement May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention In case of prolonged or frequently repeated contact, wear protective gloves. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Response If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Specific treatment (see section 4 on the SDS).

Storage Store away from strong oxidising agents.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
BENZYL BENZOATE		120-51-4	7 - 13
LINALOOL (EX BOIS DE ROSE, SYNTHETIC)		78-70-6	0.5 - 1.5

Chemical name	Common name and synonyms	CAS number	%
2,6-DI-TERT-BUTYL-P-CRESOL		128-37-0	0.1 - 1
Citral		5392-40-5	0.1 - 1
D-LIMONENE		5989-27-5	0.1 - 1
OCTANAL, 2-(PHENYLMETHYLENE)-		101-86-0	0.1 - 1
Other components below reportable levels			80 - 100

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard. Call a physician if symptoms develop or persist. Move to fresh air.
Skin contact	Wash with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Flush eyes immediately with large amounts of water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	May cause an allergic skin reaction. Dermatitis. Rash. Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep individual under observation.
General information	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.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. 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	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Provide adequate ventilation and avoid contact with skin and eyes. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained. Remove all sources of ignition.
Methods and materials for containment and cleaning up	Sweep up and shovel into suitable containers for disposal. Contain the spill, then place in a suitable container. For waste disposal, see section 13 of the SDS. Prevent product from entering drains.
Environmental precautions	Avoid release to the environment. If large quantities enter a waterway, advise local authorities.

7. Handling and storage

Precautions for safe handling	Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. When using, do not eat, drink or smoke. Do not taste or swallow. Wear appropriate personal protective equipment. Avoid release to the environment.
Conditions for safe storage, including any incompatibilities	Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep away from direct sunlight. Keep away from heat, sparks and open flame. Keep out of the reach of children. Storage 32-90°F (0-32.2°C) for less than 30 days. Optimal conditions for long term storage 60-75°F (15.5-23.8°C). Acceptable conditions for long term storage 40-80°F (4.4-26.6°C).

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	TWA	2 mg/m3	Inhalable fraction and vapor.
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapor.

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	TWA	10 mg/m3

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	TWA	2 mg/m3	Vapor and aerosol, inhalable.

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value	Form
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	TWA	2 mg/m3	Inhalable fraction and vapor.
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapor.

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	TWA	2 mg/m3	Inhalable fraction and vapor.
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapor.

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	TWA	10 mg/m3

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

Components	Type	Value	Form
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	15 minute	4 mg/m3	Inhalable fraction and vapor.
	8 hour	2 mg/m3	Inhalable fraction and vapor.

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines

Canada - British Columbia OELs: Skin designation

Citral (CAS 5392-40-5) Can be absorbed through the skin.

Canada - Manitoba OELs: Skin designation

Citral (CAS 5392-40-5) Danger of cutaneous absorption

Canada - Ontario OELs: Skin designation

Citral (CAS 5392-40-5) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Citral (CAS 5392-40-5) Danger of cutaneous absorption

Appropriate engineering controls General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses or goggles if handling large quantities.

Skin protection	
Hand protection	In case of prolonged or frequently repeated contact, wear appropriate gloves.
Other	None necessary under normal conditions of use. Wear appropriate gloves if handling large quantities.
Respiratory protection	Under normal conditions of use respiratory protection is not expected to be required.
Thermal hazards	Not applicable.
General hygiene considerations	When using, do not eat, drink or smoke. 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.

9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Solid
Colour	Yellow.
Odour	Characteristic.
Odour threshold	Not available.
pH	Not available.
Melting point/freezing point	60 - 85 °C (140 - 185 °F)
Initial boiling point and boiling range	Not available.
Flash point	> 93.0 °C (> 199.4 °F)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.

Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.

Solubility(ies)

Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.

Auto-ignition temperature > 330 °C (> 626 °F)

Decomposition temperature > 300 °C (> 572 °F)

Viscosity Not available.

Other information

Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

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 Avoid temperatures above 210 °C. Heat, flames and sparks. Extremes of temperature and direct sunlight.

Incompatible materials Strong oxidising agents.

Hazardous decomposition products Carbon dioxide, carbon monoxide, and unburned hydrocarbons.

11. Toxicological information

Information on likely routes of exposure

Inhalation Health injuries are not known or expected under normal use.
Skin contact May cause an allergic skin reaction.
Eye contact Direct contact with eyes may cause temporary irritation.
Ingestion Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

Symptoms related to the physical, chemical and toxicological characteristics May cause an allergic skin reaction. Dermatitis. Rash. Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity May cause an allergic skin reaction.

Components	Species	Test Results
2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg, 24 hours
Oral		
LD50	Rat	> 6000 mg/kg
BENZYL BENZOATE (CAS 120-51-4)		
Acute		
Dermal		
LD50	Rat	4000 mg/kg
Oral		
LD50	Rat	2000 mg/kg
Citral (CAS 5392-40-5)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg
Inhalation		
<i>Vapour</i>		
LC50	Rat	0.68 mg/l, 7 hours
Oral		
LD50	Rat	6800 mg/kg
D-LIMONENE (CAS 5989-27-5)		
Acute		
Oral		
LD50	Mouse	5600 - 6600 mg/kg
OCTANAL, 2-(PHENYLMETHYLENE)- (CAS 101-86-0)		
Acute		
Dermal		
LD50	Rabbit	> 3000 mg/kg
Inhalation		
LC50	Rat	> 2.12 mg/l, 4 hours
Oral		
LD50	Rat	3100 mg/kg

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

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

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

Respiratory or skin sensitisation

ACGIH sensitisation

CITRAL, INHALABLE FRACTION AND VAPOR (CAS 5392-40-5) Dermal sensitisation

Canada - Alberta OELs: Irritant

2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) Irritant

Canada - Manitoba OELs Hazard: Dermal sensitization

Citral (CAS 5392-40-5) Dermal sensitisation

Respiratory sensitisation Not classified.

Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

ACGIH Carcinogens

2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) A4 Not classifiable as a human carcinogen.
Citral (CAS 5392-40-5) A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) Not classifiable as a human carcinogen.
Citral (CAS 5392-40-5) Not classifiable as a human carcinogen.

Reproductive toxicity Not classified.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not applicable.

Chronic effects Not hazardous under normal conditions of use.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Components		Species	Test Results
2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0)			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Invertebrates (Invertebrates)	0.48 mg/l, 48 hours
BENZYL BENZOATE (CAS 120-51-4)			
Aquatic			
<i>Acute</i>			
Fish	LC50	Fish	0.29 mg/l, 96 hours
<i>Chronic</i>			
Crustacea	NOEC	Daphnia	0.25 mg/l, 21 days
Citral (CAS 5392-40-5)			
Aquatic			
<i>Acute</i>			
Fish	LC50	Fish	6.78 mg/l, 96 hours
D-LIMONENE (CAS 5989-27-5)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	69.6 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0.619 - 0.796 mg/l, 96 hours
LINALOOL (EX BOIS DE ROSE, SYNTHETIC) (CAS 78-70-6)			
Aquatic			
Crustacea	EC50	Daphnia	20 mg/l, 48 Hours

Components	Species	Test Results
OCTANAL, 2-(PHENYLMETHYLENE)- (CAS 101-86-0)		
Aquatic		
<i>Acute</i>		
Crustacea	EC50	Daphnia
		1.1 mg/l, 48 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

Partition coefficient n-octanol / water (log Kow)

2,6-DI-TERT-BUTYL-P-CRESOL	5.1
BENZYL BENZOATE	3.97
Citral	3.45
D-LIMONENE	4.57
LINALOOL (EX BOIS DE ROSE, SYNTHETIC)	2.97

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 Dispose of contents/container in accordance with local/regional/national/international regulations. Do not incinerate used or unused product.

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 Do not re-use empty containers. 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.

14. Transport information

TDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

15. Regulatory information

Canadian regulations

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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

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Disclaimer This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.

Revision information Product and Company Identification: Product Codes
 Composition / Information on Ingredients: Ingredients
 Physical & Chemical Properties: Multiple Properties
 Ecological Information: Ecotoxicity
 Transport Information: Material Transportation Information
 Regulatory Information: United States
 HazReg Data: North America
 GHS: Classification