

SAFETY DATA SHEET



Issuing Date: 15-Apr-2022

Revision date 15-Apr-2022

Revision Number 1

1. IDENTIFICATION

Product Name	EC30 Toilet Sachet
Product Identifier	WS-20220228-00414_RANDD_NG
Product Type:	R&D Material
Recommended Use	Intermediate.
Product category	Unpackaged Bulk Product. This Safety Data Sheet must not be used for Packaged Consumer Product.
Details of the supplier of the safety data sheet	Corporate Engineering Technologies Lab (CETL) 8256 Union Centre Blvd West Chester, OH 45069
E-mail Address	pgsds.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

Eye Damage / Irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Signal word	Warning
Hazard statements	Causes serious eye irritation May cause respiratory irritation
Hazard pictograms	



Precautionary Statements	Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves Wear protective gloves/protective clothing/eye protection/face protection IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
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Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Keep container tightly closed
 Store in a well-ventilated place. Keep container tightly closed
 Store in a well-ventilated place
 Store locked up
 Wash hands thoroughly after handling
 Wear protective gloves and protective clothing

Precautionary Statements - Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Precautionary Statements - Storage Store in a well-ventilated place. Keep container tightly closed
 Store locked up

Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant
 Dispose of contents/containers in accordance with local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical name	Synonyms	Trade Secret	CAS No	weight-%
Citric acid	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	No	77-92-9	45 - 50
Silica gel, pptd., cryst.-free	Silica gel, pptd., cryst.-free	No	112926-00-8	0.5 - 1.5
Tetramethyl Acetyloctahydronaphthalenes	Tetramethyl Acetyloctahydronaphthalenes	No	54464-57-2	0.1 - 1.0

Additional information Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin contact IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

Ingestion IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if exposed or you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Most important symptoms/effects, acute and delayed May cause allergy or asthma symptoms or breathing difficulties if inhaled

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water. Dry chemical. Alcohol resistant foam.
Unsuitable Extinguishing Media	None.
Special Hazard	None known.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	None under normal use conditions.
Advice for emergency responders	Use personal protective equipment as required.
Environmental precautions	Should not be released into the environment

Methods and material for containment and cleaning up

Methods for containment	Contain spill. The product should not be allowed to enter drains, water courses or the soil.
Methods for cleaning up	Clean up promptly by scoop or vacuum. Avoid dust formation.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Clean up spill immediately. Do not allow to enter into surface water or drains. Empty containers should be taken for local recycling, recovery or waste disposal. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible products	None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines	No exposure limits noted for ingredient(s).
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No relevant exposure guidelines for other ingredients

Appropriate engineering controls

Engineering Measures	Manufacturing Sites: Use with local exhaust ventilation
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Personal Protective Equipment

Eye Protection

Manufacturing Sites:
Wear safety glasses with side shields (or goggles)
Distribution, Workplace and Household Settings:
No special protective equipment required

Hand Protection

Manufacturing Sites:
Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion

Skin and Body Protection

Manufacturing Sites:
Wear suitable protective clothing

Respiratory Protection

Manufacturing Sites:
Avoid breathing vapors, mist or gas.
In case of inadequate ventilation wear respiratory protection
Distribution, Workplace and Household Settings:
Avoid breathing dust.
Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	white
Odor	Floral
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	5	solution (5 %)
Melting Point / Freezing Point	No information available	
Initial boiling point and boiling range	No information available	
flash point	No information available	.
evaporation rate	No information available	
Flammability	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Relative vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity	No information available	

10. STABILITY AND REACTIVITY

Reactivity	Reacts with (some) acids/bases: release of (highly) toxic gases/vapours.
Stability	Stable under normal conditions.
Hazardous polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

Conditions to Avoid None under normal processing.

Incompatible Materials None in particular.

Hazardous Decomposition Products None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Inhalation May cause sensitization by inhalation.

Skin contact No known effect.

Ingestion No known effect.

Eye contact Avoid contact with eyes. Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity No known effect.

Skin corrosion/irritation No known effect.

Serious eye damage/eye irritation Causes serious eye irritation.

Skin sensitization No known effect.

Respiratory sensitization Respiratory sensitizer.

Germ cell mutagenicity No known effect.

Reproductive toxicity No known effect.

Developmental toxicity No known effect.

STOT - single exposure No known effect.

STOT - repeated exposure No known effect.

Aspiration hazard No known effect.

Carcinogenicity No known effect.

Component Information

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
Citric acid	77-92-9	5400 mg/kg bw (OECD 401)	> 2000 mg/kg bw	-
Silica gel, pptd., cryst.-free	112926-00-8	> 5000 mg/kg	> 5000 mg/kg	-
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	//	//	//

12. ECOLOGICAL INFORMATION

ecotoxicity

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from Residues/Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated
IMDG	Not regulated
IATA	Not regulated

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations (RTK)

Chemical name	CAS No	New Jersey
Silica gel, pptd., cryst.-free	112926-00-8	X

Chemical name	CAS No	Massachusetts
Silica gel, pptd., cryst.-free	112926-00-8	X

Chemical name	CAS No	Pennsylvania
Silica gel, pptd., cryst.-free	112926-00-8	X

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

International Inventories

United States

For R&D Use Only

Canada

This product is in compliance with CEPA for import by P&G

Legend

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION**HMIS****NFPA****Issuing Date:** 15-Apr-2022**Revision date** 15-Apr-2022**Disclaimer.**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet