



Safety Data Sheet

Issue Date: 2/28/18

Revision Date: N/a

Version: 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Name: RegalGrow 0-30-0 with Shamrock

Trade Name and Synonyms: Derived from Phosphoric Acid

Other means of identification

EPA Pesticide Registration Number:

Recommended use of the chemical and restrictions on use

Recommended use: Liquid Fertilizer

Details of the supplier of the safety data sheet

Company

Regal Chemical Co
600 Branch Drive
Alpharetta, GA 30004

Emergency telephone number

Company Telephone: (770) 475-4837

Emergency Telephone: Chemtrec 1-800-262-8200

2. Hazardous Identification

Classification: Not hazardous

Signal Word (OSHA): None

Hazard Statements: None

Hazard Symbols: None

Precautionary Statements: Avoid contact with eyes, skin, and clothing.

Other Hazard Statements: None

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS Number</u>	<u>Concentration</u>

*Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.



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4. First Aid Measures

First aid measures:

Ingestion: If swallowed, do not induce vomiting, consult a physician immediately.

Eye Contact: Wear Chemical type goggles. Avoid contact with eyes. Flush eyes immediately with water.

Skin Contact: Protect skin from contact. Causes irritation. Wash off skin with water.

Inhalation: If vapors or mist causes irritation or distress, remove to fresh air.

Most Important systems and effects, both acute and delayed: Not available

Indication of any immediate medical attention and special treatment needed: Not available

5. Fire-Fighting Measures

Suitable extinguishing media:

Dry Chemical, Carbon Dioxide, Foam, Water Class BC, ABC Fire Extinguisher

Specific Hazards: Not available

Special protective equipment and precautions for firefighters:

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Methods and material for containment and cleaning up:

7. Handling and Storage

Precautions for safe handling: Avoid overheating or freezing.

Conditions for safe storage, including any incompatibilities: Avoid overheating or freezing

8. Exposure Controls/Personal Protection

Occupational Exposure Limits:

Chemical Name				

Appropriate engineering controls:

Individual protection measures: Wash thoroughly after handling.



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Ingestion: Call a physician if ingested.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance: Clear and colorless

Odor: Odorless

Odor Threshold: Not available

<u>Property</u>	<u>Values</u>
pH:	7.5
Melting point / Freezing Point	N/a
Boiling Point / Boiling Range	Over 212° F
Flash Point (Test Method)	N/a
Flammability (solid, gas)	N/a
Flammability Limits (% in air)	
Vapor Pressure	0.0285 mm Hg @ 20° C
Vapor Density	Estimated lighter than air
Relative Density	N/a
Solubility(ies)	Soluble
Partition Coefficient: n-octanol/water	N/a
Autoignition Temperature	N/a
Decomposition Temperature	N/a
Viscosity	N/a
Other	N/a

10. Stability and Reactivity

Reactivity:

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Not available

Incompatible Materials: Strong oxidizers and water reactive material.

Hazardous Decomposition Products: Phosphorous oxides

11. Toxicological Information

Health effects information

Likely routes of exposure:

Symptoms of exposure:

Delayed, immediate and chronic effects of exposure:



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Numerical measures of toxicity (Acute toxicity/irritation studies (finished product))

Ingestion:

Dermal

Inhalation

Eye contact:

Skin Contact:

Skin Sensitization

Reproductive/Developmental Effects

Chronic/Subchronic Toxicity Studies

Carcinogenicity

Chemical Name	NTP/IARC/OSHA Carcinogen

Other Toxicity Information:

Toxicity of Other Components:

Other ingredients:

12. Ecological Information

Ecotoxicity

Persistence and degradability

Bioaccumulation

Other adverse effects

13. Disposal Considerations

Waste treatment methods

Disposal of wastes:



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Contaminated packaging:

14. Transport Information

DOT

Description:

15. Regulatory Information

U.S. EPA Label Information

EPA Pesticide Registration Number

Federal Insecticide, Fungicide, Rodenticide Act Regulations

EPA Pesticide Label

International Inventories

TSCA

DSL/NDSL

EINECS/ELINCS

ENCS

IECSC

KECL

PICCS

AICS

Legend:

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

DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS: European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.

ENCS: Japan Existing and New Chemical Substances

IECSC: China Inventory and Existing Chemical Substances

KECL: Korean Existing and Evaluated Chemical Substances

PICCS: Philippines Inventory of Chemicals and Chemical Substances

AICS: Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

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SARA 311/312 Hazard Categories

Acute health hazard	Yes/No
Chronic health hazard	Yes/No
Fire hazard	Yes/No
Sudden release of pressure hazard	Yes/No



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Reactive hazard

Yes/No

CWA (Clean Water Act)

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CERCLA

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US State Regulations

US State Right-to-Know Regulations

International Regulations

16. Other Information

HMIS

Health hazards 1

Flammability 0

Reactivity 0

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