

Safety Data Sheet



SDS (formerly MSDS)

Conforms to HCS 2012 - United States

Date: 03/31/2015



Section 1. Product and Company identification

1.1. Product Identifier	
Product name	Calcium Drive
Trade name and synonyms	Calcium Fertilizer Supplement and Wetting Agent
1.2 Relevant uses of the substance and uses advised against	
Identified uses	Fertilizer and in Blending Applications
Uses advised against	No available data
1.3 Details of the supplier of the SDS	
Company information	DUTCH DIRECT 18 North 57th Drive Ste #1 Phoenix Az 85043 United States Tel: +1 (844) 388-2434 info@dutchdirect.us
1.4 Emergency telephone number	
+1 (844) 388-2434	

Section 2. Hazards Identification

2.1 OSHA/HCS status
This material is considered non-hazardous by the OSHA Hazard Communication Standard (29 CFR 1910. 1200).
2.2 Classification of substance or mixture
Classified as nonharzardous in accordance with current laws.
2.3 GHS Label elements
Not available.
2.4 Signal word (GHS-US)
Not available.

2.5 Hazard statements (GHS-US)

May cause mild eye and skin irritation.

2.6 Other hazards

Not available.

2.7 Precautionary Statements

(a.)Prevention:	Use appropriate personal protective equipment (PPE) i.e. gloves and safety goggles.
(b.)Response:	IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists, seek medical attention. IF ON SKIN: Wash with plenty of soap and water.
(c.)Storage:	Store in original container out of reach of children.
(d.)Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.
(e.)Hazards not otherwise classified:	None known.

Section 3. Composition/information on ingredients

Active ingredients	%
Calcium Gluconate	40%
Calcium Citrate	40%
Calcium Glycine	8%
Calcium Amino	6%
Calcium Malate	4%
Calcium Lactate	2%

Section 4. First Aid Measures

4.1 Description of necessary first aid measures	
Inhalation	No known significant effects or critical hazards.
Skin contact	Wash with water, if itching and redness persist. Seek medical attention.
Eye contact	Flush eyes with water; continue flushing for at least 15 minutes.
Ingestion	Rinse mouth with water. For heavy ingestion of material, consult health care professionals if diarrhea, or stomach cramps persist.

Section 5. Fire Fighting Measures

5.1 Extinguishing media	
(a.) Suitable Extinguishing media:	Extinguish with water, fog, foam, and/or carbon dioxide.
(b.) Unsuitable Extinguishing media:	Avoid direct stream of water to extinguish.
5.2 Special Protective Equipment for firefighters	
Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operating in positive pressure mode.	
5.3 General fire hazards	
This product is not flammable.	

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures	
Use appropriate personal protective equipment (PPE) i.e. gloves and safety goggles.	
6.2 Environmental Precautions	
Prevent further leakage or spillage if safe to do so. Do not allow to enter drains, sewers, or watercourses.	
6.3 Methods and materials for containment and cleaning up	
No specialized clothing or material required. Contain spill. May be cleaned up and disposed of in accordance with State and Federal regulations.	

Section 7. Handling and Storage

7.1 Precautions for safe handling

No personal protection is required. Standard safe handling procedures should be used. Protective gloves and safety glasses are recommended.

7.2 Conditions for safe storage, including any incompatibilities

Store in dry place and protect from freezing. Keep container closed when not in use.

Section 8. Exposure Controls / Personal Protection

8.1 Occupational exposure limits

Not available.

8.2 Individual protection measures

Respiratory Protection	Not required.
Ventilation	No special requirements.
Protective Gloves	Chemical resistant rubber gloves.
Eye Protection	Chemical goggles.
Other Equipment	Eye wash and safety shower in work area.
Work / Hygienic Practices	Avoid contact with eyes, skin, and garments. Wash thoroughly after.

Section 9. Physical and chemical properties

Appearance	Light Brown Liquid	Physical State:	Liquid
		Form:	Liquid
		Color:	Light brown
Odor	Bland.		
Odor threshold	Not available.		

pH	5.9-6.1		
Salt-Out / Crystallization Temp	Not available.		
Melting Point / Freezing Point	Not available.		
Initial boiling point and boiling point range	Not available.		
Flash point	Not available.		
Evaporation rate	Not available.		
Flammability (solid, gas)	N/A		
Upper/lower flammability or explosive limits	Not available.	Flammability limit-lower (%):	Not available.
		Flammability limit-upper (%):	Not available.
		Explosive limit-lower (%):	Not available.
		Explosive limit-upper (%):	Not available.
Vapor pressure	Not available.		
Vapor density	Not available.		
Relative density	Not available.		
Specific Gravity	1.38		
Pounds per Gallon	11.5 lbs.		
Solubility(ies)	100%		
Partition coefficient (n-octanol/water)	Not available.		
Auto-ignition temperature	Not available.		
Decomposition temperature	Not available.		
Viscosity	Not available.		
Other information	Bulk density	N/A	
	pH in aqueous solution	Not available.	

Section 10. Stability and Reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use, storage, and transport.
Chemical stability	This product is stable under normal conditions.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Temperatures below freezing (<32°F/0°C) Avoid contact with strong oxidizing agents.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

11.1 Information on likely routes of exposure	
Inhalation	No known significant effects or critical hazards.
Skin contact	Prolonged skin contact may cause slight irritation.
Eye contact	Exposure may cause slight irritation.
Ingestion	May cause discomfort if swallowed.
11.2 Further Information	
If exposure causes irritation, refer to first aid measures in section 4 .	

Section 12. Toxicological information

12.1 Toxicity
Not available.
12.2 Persistence – degradability
Not available.
12.3 Potential for bioaccumulation
Not available.

12.4 Mobility in soil

This product is water soluble and may disperse in soil.

12.5 Other adverse effects

Not available.

Section 13. Disposal considerations

13.1 Disposal methods

Dispose in accordance with current local, state, and federal regulations.

13.2 Contaminated packaging

Single use containers may retain product residue. Empty containers should be rinsed prior to disposal in accordance with current local, state, and federal regulations.

Section 14. Transportation information

This product is not subject to transportation regulations.

Section 15. Regulatory information

This product is not subject to regulations.

Section 16. Other information, including date of preparation and/or revision

16.1 Other information


16.2 Date of Preparation and/or revision


Effective Date:	3/31/15
Revision Date:	3/31/15

This information contained herein is based on the present state of our knowledge. It characterizes this product with regard to the appropriate safety precautions. Product specifications contained in this SDS represent typical results of normal production.



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