



Product Identifier: Citra Crystals
Revision Date: 05/04/2015

SAFETY DATA SHEET

This SDS complies with 29 CFR 1910.1200 (Hazard Communication Standard)
IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, and users of this product.

1. Identification

1.1. Product identifier

Product Identity	Citra Crystals
Alternate Names	Citra Crystals
Product Code	590-08

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use	Concrete Cleaner
Application Method	See Label Instructions

1.3. Details of the supplier of the safety data sheet

Company Name	Diamond Products Inc. 1216 Bozeman Ave. Helena, MT 59601
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Emergency

24 hour Emergency Telephone No.	Infotrac: 1 800-535-5053 Emergency: (406) 449-6570
Customer Service: Diamond Products Inc.	(406) 449-6570

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Corr. 1A;H314	Causes severe skin burns and eye damage.
Eye Dam. 1;H318	Causes serious eye damage.
STOT SE 3;H335	May cause respiratory irritation
Aquatic Acutic 2;H401	Toxic to aquatic life.
Aquatic Chronic 2;H411	Toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory irritation

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

[Prevention]:

P260 Do not breathe mist / vapors / spray.

P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.

P264 Wash thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/ doctor if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P321: Specific treatment (see information this label).

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

[Storage]:

P403+233: Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium carbonate CAS Number: 0000497-19-8	25 - 50	Eye Irrit. 2;H319	[1]
Soil suspender CAS Number: Proprietary	1.0 - 10	Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335	[1]
Disodium metasilicate CAS Number: 0006834-92-0	1.0 - 10	Skin Corr. 1B;H314 STOT SE 3;H335	[1]
Conditioning Agent CAS Number: Proprietary	1.0 - 10	Not Classified	[1]

Surfactant CAS Number: Proprietary	1.0 - 10	Eye Dam. 1;H318 Acute Tox. 4;H302 Skin Irrit. 2;H315	[1]
d'limonene, Citrus, ext. CAS Number: 0094266-47-4	1.0 - 10	Flam. Liq. 3;H226 Asp. Tox. 1;H304 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	Do NOT induce vomiting. Dilute product by giving large quantities of water or milk. Call your nearest poison control center for further action and seek medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Inhalation: Dusts may cause irritation and burning of respiratory tract. Skin Contact: May cause irritation, burning and rashes. Eye Contact: May cause irritation and burning sensation. Ingestion: May cause irritation and burning of mucous membranes of the mouth, throat, esophagus and stomach if ingested in large enough quantities. Signs and Symptoms of Exposure: Irritation in all areas of exposure. Medical Conditions Generally Aggravated by Exposure: Persons with allergies may be particularly susceptible to rashes from contact with the enzyme contained in this product. See section 2 for further details.
Eyes	Causes serious eye damage.
Skin	Causes severe skin burns and eye damage.
Inhalation	May cause respiratory irritation
Ingestion	

5. Fire-fighting measures

5.1. Extinguishing media

Water or water spray.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon monoxide

Do not breathe mist / vapors / spray.

5.3. Advice for fire-fighters

None

ERG Guide No. ---

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Sweep up and salvage all that can be salvaged, being certain to wear protective clothing. Flush any remaining product with excess water.

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

7. Handling and storage

7.1. Precautions for safe handling

Avoid excessive skin contact.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Acids and oxidizing agents.

Store in cool, dry area.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000497-19-8	Sodium carbonate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0006834-92-0	Disodium metasilicate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	ACHAN TLV/OSHA 2mg/m ³ PEL 2mg/m ³
Proprietary	Soil suspender	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0094266-47-4	d'limonene, Citrus, ext.	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Conditioning agent	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Surfactant	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000497-19-8	Sodium carbonate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0006834-92-0	Disodium metasilicate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Soil suspender	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Conditioning Agent	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Proprietary	Surfactant	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0094266-47-4	d'limonene, Citrus, ext.	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory	Wear a dust mask if exposed to mists or dust.
Eyes	Protective safety glasses recommended
Skin	Gloves not normally required, but advisable for prolonged exposure.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	White, Granular Powder
Odor	Citrus Fragrance
Odor threshold	Not Measured
pH	1% solution: 9 - 11
Melting point / freezing point	> 300°C
Initial boiling point and boiling range	Not applicable
Flash Point	Non-flammable
Evaporation rate (Ether = 1)	Not available
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not applicable Upper Explosive Limit: Not applicable
Vapor pressure (Pa)	Not available
Vapor Density	Not available
Specific Gravity	0.92 g/cc
Solubility in Water	Very Soluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity (cSt)	Not available
VOC Content	Not available

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Acids and oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium carbonate - (497-19-8)	4,090.00, Rat - Category: 5	No data available	No data available	No data available	No data available
Disodium metasilicate - (6834-92-0)	1,153.00, Rat - Category: 4	No data available	No data available	No data available	No data available
Conditioning Agent - (Proprietary)	3,120.00, Rat - Category: 5	No data available	No data available	No data available	No data available
Soil suspender - (Proprietary)	No data available	No data available	No data available	No data available	No data available
Surfactant - (Proprietary)	No data available	No data available	No data available	No data available	No data available
d'limonene, Citrus, ext. - (94266-47-4)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable

Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause respiratory irritation
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium carbonate - (497-19-8)	300.00, Lepomis macrochirus	265.00, Daphnia magna	242.00 (72 hr), Freshwater Algae
Disodium metasilicate - (6834-92-0)	210.00, Danio rerio	33.53, Ceriodaphnia dubia	400.00 (72 hr), Pseudokirchneriella subcapitata
Conditioning Agent - (Proprietary)	Not Available	Not Available	Not Available
Soil suspender - (Proprietary)	Not Available	Not Available	Not Available
Surfactant - (Proprietary)	Not Available	Not Available	Not Available
d'limonene, Citrus, ext. - (94266-47-4)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: Yes (d'limonene, Citrus, ext)		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	D2A
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No
EPCRA 311/312 Chemicals and RQs (lbs):	
Soil suspender (5,000.00)	
Conditioning agent (5,000.00)	
EPCRA 302 Extremely Hazardous:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA 313 Toxic Chemicals:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Carcinogens (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Developmental Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Female Repro Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Male Repro Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
New Jersey RTK Substances (>1%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Pennsylvania RTK Substances (>1%):

Soil suspender

Conditioning ageng

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226: Flammable liquid and vapour

H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long-lasting effects

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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