

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Unbelievable!® Green Crystal Formula

ITEM UGCF

PRODUCT USE All Purpose Cleaner / Degreaser

COMPANY NAME Core Products Co., Inc.

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Canton TX 75103

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EMERGENCY TELEPHONE NUMBER

CHEMTREC (800) 424-9300

SECTION – 2 HAZARDS INFORMATION

Health Hazards EYES-Category 1; SKIN-Category 2; STOT SINGLE EXPOSURE-Category 3



Irritant (skin)
Respiratory Tract Irritant



Eye Damage

DANGER Causes serious eye damage, Causes skin irritation, May cause respiratory irritation
May be harmful if swallowed, Do not get in eyes, on skin, or clothing, and avoid inhalation of mist, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release into the environment

SECTION – 3 COMPOSITION INFORMATION

(Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS #	IMPURITIES	PERCENT
EDTA Tetrasodium Salt	Ethylenediaminetetraacetic Acid Tetrasodium Salt	64-02-8	Sodium Hydroxide < 1.6%, Nitritotriacetate, trisodium salt (NTA) < 1%, Sodium hydroxyacetate < 3%	1 - 5%
Glycol Ether DB	Diethylene Glycol Monobutyl Ether	112-34-5		1 - 5%
Nonylphenol Ethoxylate	Polyoxyethylene Nonyl Phenyl Ether	127087-87-0	Poly(ethylene oxide) < 3%, Dinonylphenyl polyoxyethylene < 2%	1 - 5%

SECTION – 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists obtain medical attention, preferably from an ophthalmologist

SKIN CONTACT Wash contaminated skin with plenty of soap and water, Remove any contaminated clothing and wash before reuse, If irritation is present or occurs obtain medical attention

INHALATION Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs

Aspiration Hazard Not applicable

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause serious eye irritation, redness, tearing, pain, or possible eye damage

Skin Can cause skin irritation, redness, burning, drying or cracking

Inhalation Spray mist may cause mild irritation, to respiratory tract

Ingestion May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus, Minimal acute toxicity if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye damage, redness, tearing, pain, or possible corneal injury

Skin Causes skin irritation, defatting of the skin which may lead to dermatitis

Inhalation Spray mist may cause irritation, to mucus membranes or respiratory tract

Ingestion May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus, May affect target organs, Slight acute toxicity if swallowed, Ingestion may cause vomiting which may be harmful if it enters airways

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media	Not flammable: Use extinguishing media for surrounding fire
Hazardous Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes
Reactive With	Incompatible with, oxidizing agents, reducing agents, strong bases, strong acids
Explosion Hazards	Not applicable
Static Discharge	Not applicable
Mechanical Impact	Not applicable
Protective Equipment	Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Warn personnel of spill
Personal Precautions	Ventilate area, Avoid slipping on spilled product
Protective Equipment	Safety Glasses, Gloves
Containment	Use rags, towels, absorbent socks or pads to prevent spill from spreading, Prevent spill from entering the environment
Clean Up Procedures	Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling	Keep away from incompatible materials, Use appropriate safety equipment, Avoid eye and skin contact, Avoid inhalation of mist, May cause respiratory irritation, May be harmful if swallowed, Wash thoroughly after handling, Avoid release to the environment, Triple rinse container before discarding
Storage	KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials, Stored above 4.4°C (40°F) and below 49°C (120°F)
Incompatible Materials	Incompatible with, oxidizing agents, reducing agents, strong bases, strong acids

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
EDTA Tetrasodium Salt	None Established				
Glycol Ether DB	10 ppm				EI
Nonylphenol Ethoxylate	None Established				

PERSONAL PROTECTIVE EQUIPMENTChemical Safety Glasses,
Goggles or Face ShieldImpervious
Chemical GlovesEye Wash
(Recommended)**Ventilation**

General Ventilation

If exposure limits listed above are exceeded, or irritation is experienced, use a MSHA / NIOSH approved respirator

HMIS HAZARD RATINGS

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	> 93.3°C (200°F) - TAG Closed Cup	Specific Gravity / Density	1.013
Flammable Limits	Does not sustain combustion (ASTM D4206)	pH (± 0.3)	9.0 - 9.5
Auto-Ignition Temp.	ND	Viscosity	ND
Physical State	Liquid	Freeze Point	0°C (32°F)
Appearance	Clear	Boiling Point	100°C (212°F)
Odor	Mild	Vapor Density (air=1)	ND
Odor Threshold	ND	Vapor Pressure (mm Hg)	ND
Solubility	Dispersible	Evaporation Rate (nBuAc=1)	ND
Volatiles	< 95%	Partition Coefficient	ND
VOC	< 0.5% Full Strength	Molecular Weight (g/mol)	58.88 g/mol
LVP-VOC	3.95%	Decomposition Temperature	ND

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable when stored below 49°C (120°F)
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with, oxidizing agents, reducing agents, strong bases, strong acids
Thermal Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Inhalation (Yes "Mist"), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes	Can cause serious eye irritation, redness, tearing, pain, or possible eye damage
Skin	Can cause skin irritation, redness, burning, drying or cracking
Inhalation	Spray mist may cause mild irritation, to respiratory tract
Ingestion	May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus, Minimal acute toxicity if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes	Causes serious eye damage, redness, tearing, pain, or possible corneal injury
Skin	Causes skin irritation, defatting of the skin which may lead to dermatitis
Inhalation	Spray mist may cause irritation, to mucus membranes or respiratory tract
Ingestion	May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus, May affect target organs, Slight acute toxicity if swallowed, Ingestion may cause vomiting which may be harmful if it enters airways

Acute Tox Calculated	Oral:	10,216 mg/kg	Dermal:	30,669 mg/kg	Inhaled:	31.5 mg/L
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Acute Tox Category	Not applicable (Oral >5000 mg/kg), Not applicable (Dermal > 5000 mg/kg), Not applicable (Inhaled >12.5 mg/L) Dust or Mist					
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Additional Info

Target Organs	Kidneys, Liver, Eyes (Lens or cornea), Skin
Medical Conditions	Preexisting, eye, skin, liver, kidney, disorders may be aggravated by exposure to this product
Notes to Physician	In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

<u>CHEMICAL NAME</u>	<u>NTP</u>	<u>ACGIH</u>	<u>IARC</u>	<u>GHS Category</u>
None Listed	NA	NA	NA	NA

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

<u>CHEMICAL NAME</u>	<u>Germ Cell Mutagenicity</u>	<u>Toxic to Reproduction</u>
None Listed	NA	NA

COMPONENTS ACUTE TOXICITY

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Glycol Ether DB	LD50	Oral	Rat	7,291 mg/kg		(>2000 mg/kg)
	LD50	Dermal	Rabbit	2,764 mg/kg		(>2000 mg/kg)
EDTA Tetrasodium Salt	LD50	Oral	Rat	630 mg/kg		(>2000 mg/kg)
Nonylphenol Ethoxylate	LD50	Oral	Rat	960 mg/kg		4 (>300, ≤2000 mg/kg)
	LD50	Inhaled	Rat	1.15 mg/L	4 Hours (Mist)	4 (>1.0, ≤5 mg/L)
	LD50	Dermal	Rabbit	2,001 mg/kg		(>2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Subject</u>	<u>Subject Latin</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Glycol Ether DB	LC50	Fish	(Leuciscus idus)	1,300 mg/L	96 Hours	4 (>100 mg/L)
	EC50	Water Flea	(Daphnia magna)	>100 mg/L	48 Hours	4 (>100 mg/L)
EDTA Tetrasodium Salt	LC50	Bluegill	(Lepomis macrochirus)	760 mg/L	96 Hours	4 (>100 mg/L)
	LC50	Fathead Minnow	(Pimephales promelas)	59.8 mg/L	96 Hours	3 (>10, ≤100 mg/L)
Nonylphenol Ethoxylate	LC50	Fathead Minnow	(Pimephales promelas)	3.8 mg/L	96 Hours	2 (>1, ≤10 mg/L)
	LC50	Water Flea	(Daphnia magna)	9.3 mg/L	48 Hours	2 (>1, ≤10 mg/L)

Presistence And Degradability	This product is inherently biodegradable according to the OECD definition
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Bioaccumulative Potential	There is no evidence to suggest bioaccumulation will occur
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Mobility In Soil	This material is a mobile liquid
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Other Adverse Effects	Harmful to aquatic life
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SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste.

CONTAINER DISPOSAL - Triple rinse container then offer for recycling. If not available, puncture and dispose in a sanitary landfill.

SECTION – 14 TRANSPORT INFORMATION**DOT CLASSIFICATION**

<u>UN Number</u>	<u>Proper Shipping Name</u> n.o.s. (Chemicals) or "Limits"						
Not Regulated	Non Regulated Material						
<u>Hazard Class</u>	<u>Packing Group</u>	<u>Label Codes</u>	<u>Reportable Quantity (lbs)</u>	<u>Response</u>	<u>Marine Pollutant</u>	<u>Hazard Label</u>	<u>Secondary</u>
None	None	None	None	128	No		
Additional Info:							

SECTION – 15 REGULATORY INFORMATION

<u>TSCA</u>														
<u>CHEMICAL NAME</u>	<u>Sec 8(b) Inventory</u>	<u>Sec 8(d) Health And Safety</u>	<u>Sec 4(a) Chemical Test Rules</u>	<u>Sec 12(b) Export Notification</u>										
Glycol Ether DB	Yes													
<u>REPORTABLE QUANTITIES</u>														
<u>CHEMICAL NAME</u>	<u>Extremely Hazardous</u>	<u>Reportable Quantity</u>	<u>Emission Reporting</u>											
	<u>EPCRA TPQ Sec 302</u>	<u>EPCRA RQ Sec 304</u>	<u>CERCLA RQ Sec 103</u>	<u>TRI Sec 313</u>	<u>RCRA Code</u>	<u>RMP TQ Sec 112r</u>								
Glycol Ethers				Yes										
<u>SARA</u>														
<u>CHEMICAL NAME</u>	<u>Section 311</u>		<u>Section 311 / 312 Hazards</u>											
	<u>Hazardous Chemical</u>	<u>Acute</u>	<u>Chronic</u>	<u>Flammable</u>	<u>Pressure</u>	<u>Reactive</u>								
Nonylphenol Ethoxylate	Yes	Yes												
Glycol Ether DB	Yes	Yes	Yes											
EDTA Tetrasodium Salt	Yes	Yes												
<u>RIGHT TO KNOW</u>														
<u>CHEMICAL NAME</u>	<u>STATE</u>													
	<u>CA</u>	<u>CT</u>	<u>FL</u>	<u>IL</u>	<u>LA</u>	<u>NJ</u>	<u>NY</u>	<u>PA</u>	<u>MI</u>	<u>MN</u>	<u>MA</u>	<u>RI</u>	<u>WI</u>	
Nonylphenol Ethoxylate						Yes		Yes						
Glycol Ether DB							Yes	Yes						
EDTA Tetrasodium Salt						Yes		Yes						
<u>CALIFORNIA</u>														
<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>WARNING! This product contains chemicals known to the state of California to cause:</u>												
		<u>Birth Defects</u>	<u>Reproductive Harm</u>	<u>Carcinogen</u>	<u>Developmental</u>									
None Listed														
<u>CLEAN AIR WATER ACTS</u>														
<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>Clean Air Acts</u>			<u>Clean Water Acts</u>									
		<u>HAP</u>	<u>Ozone Class 1</u>	<u>Ozone Class 2</u>	<u>HS</u>	<u>PP</u>	<u>TP</u>							
None Listed														
<u>INTERNATIONAL REGULATIONS</u> – The components of this product are listed on the chemical inventories of the following countries:														
<u>CHEMICAL NAME</u>	<u>Australia</u>	<u>Canada</u>	<u>Europe (EINECS)</u>	<u>Japan</u>	<u>Korea</u>	<u>UK</u>								
Glycol Ether DB	Yes	Yes	Yes	Yes	Yes	Yes	Yes							
<u>WHMIS Classification</u>														
<u>CHEMICAL NAME</u>	<u>DSL</u>	<u>Class</u>	<u>Description</u>											
Glycol Ether DB	Yes	D-2B	Materials Causing Other Toxic Effects; Toxic Material											

SECTION – 16 OTHER INFORMATION**SDS LEGEND DESCRIPTION**

ACGIH	American Conference of Governmental Industrial Hygienists	LC50	A concentration that is lethal to 50% of a given species in a given time
CAS	Chemical Abstracts Service Registry	LD50	Dose that is lethal to 50% of a given species by a given route of exposure
CEIL	Ceiling Limit (15 minutes)	LEL	Lower Explosive Limit
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	LD	Liver Damage
CI	Cochlear Impairment	NA	Not Applicable
CNS	Central Nervous System	ND	Not Determined
EC50	Concentration of a chemical that gives half-maximal response	NFPA	National Fire Protection Association
EPA	Environmental Protection Agency	NIOSH	National Institute for Occupational Safety and Health
Eye	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)	NE	Not Established
FBG	Full Bunker Gear	NTP	National Toxicology Program
GHS	Globally Harmonized System	OSHA	Occupational Safety and Health Administration
HAP	California Hazardous air pollutant Clean Air Act	PEL	Permissible Exposure Limit (OSHA)
HMIS-A	Safety Glasses	PNS	Peripheral Nervous System
HMIS-B	Safety glasses, gloves	PP	California Priority Pollutant under the Clean Water Act
HMIS-C	Safety glasses, gloves, chemical apron	REL	Recommended exposure limit (NIOSH)
HMIS-D	Face shield, gloves, chemical apron	RT	Upper Respiratory Tract
HMIS-E	Safety glasses, gloves, dust respirator	Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	SARA	Superfund Amendments and Reauthorization Act
HMIS-G	Safety glasses, gloves, vapor respirator	STEL	Short Term Exposure Limit (15 minutes)
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	TC Lo	Lowest concentration that is toxic to a given species in a given time
HMIS-I	Safety glasses, gloves, dust and vapor respirator	TD Lo	Lowest dose that is toxic to a given species
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	TLV	Threshold Limit Value (ACGIH)
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	TP	California Toxic Pollutant under the Clean Water Act
HMIS-X	Ask Supervisor	TSCA	Toxic Substances Control Act
HS	California Hazardous Substance under the Clean Water Act	TWA	Time Weighted Average (8 hours)
KD	Kidney Damage (nephropathy)	UEL	Upper Explosive Limit

Core Products Co., Inc.

and nCites LLC have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

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