SAFETY DATA SHEET



1. Product and Company Identification

Product identifier	Stain Free (US)			
Other means of identification	Not available			
Recommended use	Stain remover			
Recommended restrictions	None known.			
Manufacturer/Importer/Supplie	r/Distributor information			
Manufacturer				
Company name	NC Brands			
Address	40 Richards Ave.			
	Norwalk, CT 06854			
Telephone	United States			
Telephone	(800) 753-1233			
E-mail	info@naturalchemistry.com			
Emergency phone number	CHEMTREC (800) 424-9300			
	2. Hazards Identific	cation		
Physical hazards	Corrosive to metals	Category 1		
Health hazards	Skin corrosion/irritation	Category 2		
	Serious eye damage/eye irritation	Category 2A		
Environmental hazards	Not classified.			
OSHA defined hazards	Not classified.			
Label elements				
Signal word	Warning			
Hazard statement	Causes skin irritation. Causes serious eye irritation. May be corrosive to metals.			
Precautionary statement	-			
Prevention	Keep only in original container. Wash th eye protection/face protection.	oroughly after handling. Wear protective gloves. Wear		
Response	If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Specific treatment (see information on this label). If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and			
		tion persists: Get medical advice/attention.		
Storage	Store in corrosive resistant container with a resistant inner liner.			
	Dispose of waste and residues in accord	dance with local authority requirements.		
Disposal				
Hazard(s) not otherwise	None known.			
Disposal Hazard(s) not otherwise classified (HNOC) Supplemental information	None known. Not applicable.			

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Citric Acid		77-92-9	100

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

	4. First Aid Measures
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take of contaminated clothing and wash it before reuse. Specific treatment (see information on this label).
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.
Ingestion	Rinse mouth. DO NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Most important symptoms/effects, acute and delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Avoid contact with eyes and skin. Wear rubber gloves and safety glasses with side shields.
	5. Fire Fighting Measures
Suitable extinguishing media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In the event of fire, cool tanks with water spray.
Specific methods	Cool containers exposed to flames with water until well after the fire is out.
General fire hazards	No unusual fire or explosion hazards noted.
	6. Accidental Release Measures
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Absorb spillage to prevent material damage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
	7. Handling and Storage
Precautions for safe handling	Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage.
Conditions for safe storage, including any incompatibilities	Keep only in the original container. Store in corrosive resistant container with a resistant inner liner. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS). Protect from excessive heat and moisture.
	8. Exposure Controls/Personal Protection
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.
Individual protection measures, Eye/face protection	such as personal protective equipment Wear safety glasses with side shields (or goggles).
Skin protection	Impervious gloves. Confirm with reputable supplier first.

Other	Wear appropriate chemical resistant clothing.
Respiratory protection	Avoid inhalation of dust. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).
Thermal hazards	Not applicable.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
	9. Physical and Chemical Properties

	3. r hysical and chemical r topernes
Appearance	Crystalline.
Physical state	Solid.
Form	Crystals
Color	White to Yellow
Odor	Odorless
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	1.66 @ 20 °C
Partition coefficient (n-octanol/water)	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or expl	losive limits
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.
Solubility(ies)	Complete
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	1.66 g/cm3

10.	Stability	and	Read	ctivity
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Reactivity	Reacts vigorously with alkaline material. Reacts with metals.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Caustics. Oxidizers. Reducing agents. Metals.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

physical, chemical and cause redness and pain. toxicological characteristics Information on toxicological effects Acute toxicity Components Species Test Results Citric Acid (CAS 77-92-9) Acute Dermal LD50 Rat > 2000 mg/kg, 24 Hours, ECHA Inhalation LC50 Not available Oral Coral Coral Rat 11700 mg/kg, ECHA 5040 mg/kg, HSDB Skin corrosion/irritation Exposure minutes Not available. Erythem value Not available. Erythem value Not available. Serious eye damage/eye Irritation Cornel opacity value Not available. Vot available. Conjunctival reddening Value Conjunctival reddening Value Recover days Not available. Respiratory ensitization Respiratory ensitization Respiratory ensitization Respiratory sensitization Skin sensitization Causes skin ensitization Respiratory sensitization Respiratory sensitization				
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Respiratory sensitizationNot classified.Skin sensitizationThis product is not expected to cause skin sensitization.Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.CarcinogenicityThis product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.IARC Monographs. Overall Evaluation of Carcinogenicity Not listed.Not Product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.US. National Toxicology Program (NTP) Report on Carcinogens Not listed.Not listed.US. OSHA Specifically Regulated.This product is not expected to cause reproductive or developmental effects.Specific target organ toxicity - single exposureNot classified.Specific target organ toxicity - repeated exposureNot classified.	Recover days	Not available.		
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Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.CarcinogenicityThis product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.IARC Monographs. Overall Evaluation of Carcinogenicity Not listed.Not listed.US. National Toxicology Program (NTP) Report on Carcinogens Not listed.Not listed.US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated.This product is not expected to cause reproductive or developmental effects.Specific target organ toxicity - single exposureNot classified.Specific target organ toxicity - repeated exposureNot classified.Aspiration hazardNot classified.	Respiratory sensitization	Not classified.		
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single exposure Specific target organ toxicity - repeated exposure Not classified. Aspiration hazard Not classified.	•		productive or developmental effects.	
repeated exposure Not classified.	single exposure			
•	repeated exposure			
Chronic effects Not classified.	•	Not classified.		
	Chronic effects	Not classified.		

		12. Ecological Information	
Ecotoxicity	See below		
Ecotoxicological data			
Components		Species	Test Results
Citric Acid (CAS 77-92-9)			
Acute			
Crustacea	EC50	Daphnia magna	120 mg/L, 72 hr
Aquatic			
Acute			
Fish	LC50	Bluegill (Lepomis macrochirus)	1516 mg/L, 96 hr
Persistence and degradability	No data is a	vailable on the degradability of this prod	uct.
Bioaccumulative potential	No data ava	ilable.	
Partition coefficient n-octa Stain Free (US)	nol / water (log	∣ Kow) -1.7, @ 20°C	
Mobility in soil	No data ava	ilable.	
Mobility in general	Not available.		
Other adverse effects			depletion, photochemical ozone creation ntial) are expected from this component.
		13. Disposal Considerations	
Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.		
Local disposal regulations	Dispose in accordance with all applicable regulations.		
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.		
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).		
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.		
		14. Transport Information	

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations

Not regulated. CERCLA Hazardous Substan	otification (40 CFR 707, Subpt. D) ce List (40 CFR 302.4)
Not listed. US. OSHA Specifically Regul	ated Substances (29 CFR 1910.1001-1050)
Not regulated.	
Superfund Amendments and Rea	uthorization Act of 1986 (SARA)
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
SARA 302 Extremely hazardous substance	No
SARA 311/312 Hazardous chemical	No
SARA 313 (TRI reporting) Not regulated.	

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Safe Drinking Water Act Not regulated. (SDWA) Total food additive Food and Drug Direct food additive Administration (FDA) GRAS food additive **US state regulations** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed. **US. Massachusetts RTK - Substance List** Not regulated. US. New Jersey Worker and Community Right-to-Know Act Not regulated. US. Pennsylvania RTK - Hazardous Substances Not regulated. US. Pennsylvania Worker and Community Right-to-Know Law Not listed. **US. Rhode Island RTK** Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Country(s) or region Inventory name United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory On inventory (yes/no)* Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

LEGEND	HEALTH / 2
Severe 4	
Serious3Moderate2	PHYSICAL HAZARD 0
Slight 1 Minimal 0	PERSONAL X
Disclaimer	Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
Issue date	03-May-2017
Version #	01
Further information	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.
Prepared by	Dell Tech Laboratories, Ltd. Phone: (519) 858-5021

16. Other Information