

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name New Generation Extraction Detergent **Item** EDN-Ready

Product Use Extraction Detergent

Company Name Core Products Co., Inc. **Office** (800) 825-2673
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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
 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%, Nitrotriacetate, trisodium salt (NTA) < 1%, Sodium hydroxyacetate < 3%	1 - 5%
Nonylphenol Ethoxylate	Polyoxyethylene Nonyl Phenyl Ether	127087-87-0	Poly(ethylene oxide) < 3%, Dinonylphenyl polyoxyethylene < 2%	1 - 10%

SECTION – 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for several 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 seek medical aid

SKIN CONTACT Wash contaminated skin with plenty of water, Remove any contaminated clothing and wash before reuse, If irritation occurs or persists seek medical aid

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, burning sensation

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

Inhalation Spray mist may cause mild irritation

Ingestion May be harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye irritation, tearing, burning, or pain

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

Inhalation Spray mist may cause irritation, to respiratory tract

Ingestion May be harmful if swallowed, May cause irritation, of the mouth, and throat

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media Not flammable: Use extinguishing media for surrounding fire

Hazardous Decomposition Burning or thermal decomposition can produce, sulfur oxides, carbon monoxide, carbon dioxide, nitrogen oxides, sodium oxides, and other toxic fumes

Reactive With Reactive with, strong oxidizing agents, 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	Avoid slipping on spilled product
Protective Equipment	Safety Glasses, Gloves
Containment	Use rags, towels, absorbent socks or pads to prevent spill from spreading
Clean Up Procedures	Small Spills: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water Large Spills: Absorb spill with inert material, place in a chemical waste container, 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	Use appropriate safety equipment, Avoid eye and skin contact, May cause respiratory irritation, 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
Incompatible Materials	Incompatible with, strong oxidizing agents, 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
Nonylphenol Ethoxylate	None Established				ED
EDTA Tetrasodium Salt	None Established				ED,SI

PERSONAL PROTECTIVE EQUIPMENTChemical Safety Glasses,
Goggles or Face ShieldImpervious
Chemical Gloves**Ventilation**

General Ventilation

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	1.043
Flammable Limits	ND	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	Fresh	Vapor Density (air=1)	ND
Odor Threshold	ND	Vapor Pressure (mm Hg)	ND
Solubility	100%	Evaporation Rate (nBuAc=1)	ND
Volatiles	< 79%	Partition Coefficient	ND
VOC	< 0.2%	Molecular Weight (g/mol)	~ 128.49
LVP-VOC	0.0%	Decomposition Temperature	ND

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable at normal ambient temperature and pressure
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with, strong oxidizing agents, strong acids
Thermal Decomposition	Burning or thermal decomposition can produce, sulfur oxides, carbon monoxide, carbon dioxide, nitrogen oxides, sodium oxides, 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, burning sensation
Skin	Can cause skin irritation, itching, redness, burning, drying or cracking
Inhalation	Spray mist may cause mild irritation
Ingestion	May be harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes	Causes serious eye irritation, tearing, burning, or pain
Skin	Causes skin irritation, defatting of the skin which may lead to dermatitis
Inhalation	Spray mist may cause irritation, to respiratory tract
Ingestion	May be harmful if swallowed, May cause irritation, of the mouth, and throat

Acute Tox Calculated Oral: 4,491 mg/kg Dermal: 12,817 mg/kg Inhaled: 11.8 mg/L

Acute Tox Category Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >5 mg/L) Dust or Mist

Additional Info

Target Organs	Eyes (Lens or cornea), Skin, Upper Respiratory Tract
Medical Conditions	Preexisting, eye, skin, respiratory, 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>
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>
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

Bioaccumulative Potential There is no evidence to suggest bioaccumulation will occur

Mobility In Soil This material is a partially mobile liquid

Other Adverse Effects Harmful to aquatic life with long lasting effects

SECTION – 13 DISPOSAL CONSIDERATIONS**DO NOT DUMP INTO ANY STORM 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**

UN Number Proper Shipping Name n.o.s. (Chemicals) or "Limits"

Not Regulated Non Hazardous – Compounds Cleaning Liquid

<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	154	No		

Additional Info:

SECTION – 15 REGULATORY INFORMATION**TSCA**

CHEMICAL NAME	Sec 8(b) Inventory	Sec 8(d) Health And Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
None Listed				

REPORTABLE QUANTITIES

CHEMICAL NAME	Extremely Hazardous		Reportable Quantity	Emission Reporting		
	EPCRA TPQ Sec 302	EPCRA RQ Sec 304	CERCLA RQ Sec 103	TRI Sec 313	RCRA Code	RMP TQ Sec 112r
None Listed						

SARA

CHEMICAL NAME	Section 311		Section 311 / 312 Hazards				
	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive	
Nonylphenol Ethoxylate	Yes	Yes					
EDTA Tetrasodium Salt	Yes	Yes					

RIGHT TO KNOW

CHEMICAL NAME	STATE												
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Nonylphenol Ethoxylate						Yes		Yes					
EDTA Tetrasodium Salt						Yes		Yes					

CALIFORNIA

WARNING! This product contains chemicals known to the state of California to cause:						
CHEMICAL NAME	CAS #	Birth Defects	Reproductive Harm	Carcinogen	Developmental	
None Listed						

CLEAN AIR WATER ACTS

CHEMICAL NAME	CAS #	Clean Air Acts			Clean Water Acts		
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP
None Listed							

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:

CHEMICAL NAME	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
None Listed						

WHMIS Classification

CHEMICAL NAME	DSL	Class	Description
None Listed			

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.

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