

**SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME** Heavy Duty Extraction Detergent **ITEM** EDHD  
**PRODUCT USE**

**COMPANY NAME** Core Products Co., Inc. **Office** (800) 825-2673  
 401 Industrial Rd **Fax** (903) 567-1346  
 Canton TX 75103 **Web** [www.coreproductsco.com](http://www.coreproductsco.com)

**EMERGENCY TELEPHONE NUMBER** **CHEMTREC (800) 424-9300**

**SECTION – 2 HAZARDS INFORMATION**

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



Respiratory Tract Irritant



Eye Damage

**DANGER** Causes serious eye damage, Causes skin irritation, May cause respiratory irritation  
 May be harmful if swallowed, Avoid eye or skin contact, and inhalation of mist, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release into the environment, **KEEP OUT OF REACH OF CHILDREN**

**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
Trisodium Phosphate	Sodium phosphate	7601-54-9		1 - 3%
Sodium Carbonate	Soda Ash	497-19-8		1 - 3%
Nonylphenol Ethoxylate	Polyoxyethylene Nonyl Phenyl Ether	127087-87-0	Poly(ethylene oxide) < 3%, Dinonylphenyl polyoxyethylene < 2%	1 - 3%

**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 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** Causes serious eye irritation, redness, tearing, pain, or possible eye damage

**Skin** Can cause skin irritation, redness, 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, and throat

**CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE**

**Eyes** Causes serious eye damage, burning, pain, or possible corneal injury

**Skin** Causes serious 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, Symptoms may include, nausea, diarrhea, vomiting, abdominal pain

**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, phosphorus oxides, carbon monoxide, carbon dioxide, nitrogen oxides, sodium oxides, silicon 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**

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

**SECTION – 7 HANDLING AND STORAGE**

<b>Handling</b>	Use appropriate safety equipment, Avoid eye and skin contact, Avoid inhalation of mist, May be harmful if swallowed, Wash thoroughly after handling, Avoid release to the environment, Triple rinse container before discarding
<b>Storage</b>	KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials
<b>Incompatible Materials</b>	Incompatible with, strong oxidizing 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
Nonylphenol Ethoxylate	None Established				
Sodium Carbonate	None Established				
Trisodium Phosphate		(WEEL) 5 mg/m <sup>3</sup>			

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

General Ventilation

**HMIS HAZARD RATINGS**

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

**SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Flash Point</b>	> 93.3°C (200°F) - TAG Closed Cup	<b>Specific Gravity / Density</b>	1.097
<b>Flammable Limits</b>	ND	<b>pH (± 0.3)</b>	11.5 - 12.5
<b>Auto-Ignition Temp.</b>	ND	<b>Viscosity</b>	ND
<b>Physical State</b>	Liquid	<b>Freeze Point</b>	0°C (32°F)
<b>Appearance</b>	Clear	<b>Boiling Point</b>	100°C (212°F)
<b>Odor</b>	Mild lemon citrus	<b>Vapor Density (air=1)</b>	ND
<b>Odor Threshold</b>	ND	<b>Vapor Pressure (mm Hg)</b>	ND
<b>Solubility</b>	100%	<b>Evaporation Rate (nBuAc=1)</b>	ND
<b>Volatiles</b>	< 91%	<b>Partition Coefficient</b>	ND
<b>VOC</b>	< 0.2%	<b>Molecular Weight (g/mol)</b>	~ 49.28
<b>LVP-VOC</b>	0%	<b>Decomposition Temperature</b>	ND

**SECTION – 10 STABILITY AND REACTIVITY**

<b>Reactivity (Specific Test Data)</b>	None with normal use or handling
<b>Chemical Stability</b>	Stable at normal ambient temperature and pressure
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions To Avoid</b>	Incompatible materials
<b>Incompatible Materials</b>	Incompatible with, strong oxidizing agents, strong acids
<b>Thermal Decomposition</b>	Burning or thermal decomposition can produce, sulfur oxides, phosphorus oxides, carbon monoxide, carbon dioxide, nitrogen oxides, sodium oxides, silicon 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** Causes serious eye irritation, redness, tearing, pain, or possible eye damage  
**Skin** Can cause skin irritation, redness, 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, and throat

**CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE**

**Eyes** Causes serious eye damage, burning, pain, or possible corneal injury  
**Skin** Causes serious 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, Symptoms may include, nausea, diarrhea, vomiting, abdominal pain

**Acute Tox Calculated**                      **Oral:**      20,758 mg/kg                      **Dermal:**      176,452 mg/kg                      **Inhaled:**      105.5 mg/L

**Acute Tox Category** Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal > 5000 mg/kg), Not applicable (Inhaled >12.5 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>
Sodium Carbonate	LD50	Oral	Rat	4,090 mg/kg		(>2000 mg/kg)
	LD50	Inhalation	Rat	2,875 mg/L	4 Hours (Dust)	(>5 mg/L)
Trisodium Phosphate	LD50	Oral	Rat	7,400 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>
Sodium Carbonate	LC50	Bluegill	(Lepomis macrochirus)	300 mg/L	96 Hours	4 (>100 mg/L)
	EC50	Water Flea	(Daphnia magna)	265 mg/L	48 Hours	4 (>100 mg/L)
Trisodium phosphate	LD50	Mosquito Fish	(Gambusia affinis)	28.5 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)

**Persistence 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** May be harmful to aquatic life

**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						
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		
<b>Additional Info:</b>							

**SECTION – 15 REGULATORY INFORMATION**

<b>TSCA</b>														
CHEMICAL NAME	Sec 8(b) Inventory			Sec 8(d) Health And Safety			Sec 4(a) Chemical Test Rules			Sec 12(b) Export Notification				
Sodium Carbonate	Yes													
<b>REPORTABLE QUANTITIES</b>														
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														
<b>SARA</b>														
CHEMICAL NAME	Section 311			Section 311 / 312 Hazards										
	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive								
Nonylphenol Ethoxylate	Yes	Yes												
Sodium Carbonate	Yes	Yes												
Trisodium phosphate	Yes	Yes												
<b>RIGHT TO KNOW</b>														
CHEMICAL NAME	STATE													
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI	
Nonylphenol Ethoxylate						Yes		Yes						
Sodium Carbonate						Yes		Yes						
Trisodium phosphate						Yes		Yes			Yes			
<b>CALIFORNIA</b>														
CHEMICAL NAME	CAS #	WARNING! This product contains chemicals known to the state of California to cause:												
		Birth Defects	Reproductive Harm	Carcinogen	Developmental									
None Listed														
<b>CLEAN AIR WATER ACTS</b>														
CHEMICAL NAME	CAS #	Clean Air Acts				Clean Water Acts								
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP							
None Listed														
<b>INTERNATIONAL REGULATIONS</b> – 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														
<b>WHMIS Classification</b>														
CHEMICAL NAME	DSL	Class	Description											
Sodium Carbonate	Yes	D-2B	Materials Causing Other Toxic Effects; Toxic Material											

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

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

**Print Date** 12/18/2015**Supersedes Safety Data Sheet Dated**

1/1/2013

NOT TO BE SOLD IN THE STATE OF CALIFORNIA