


**SECTION 1: Identification**

<b>Product Name</b>	Heavy Duty Scale Remover	<b>Item Code</b>	HDSR1, HDSR5
<b>Recommended Use</b>	Concentrated Bathroom Scale Build Up Remover		
<b>Supplier</b>	Next-Gen Supply Group 11 Norfolk Street Mansfield, MA 02048 877-452-6726	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	

**SECTION 2: Hazard(s) identification**

WARNING 	<b>Hazards not otherwise classified or not covered by GHS</b>		
	None		
<b>Hazard Statement</b>	<b>Hazard Class (GHS Chapter)</b>	<b>Hazard Category</b>	
Causes serious eye irritation	Eye Irritant (Chapter 3.3)	2A	
Causes skin irritation	Skin Irritation (Chapter 3.2)	2	

**Precautionary Statement**

Avoid breathing mist or spray.  
Wash skin thoroughly after handling.  
IF ON SKIN: Immediately take off all contaminated clothing, rinse skin with water. If skin irritation occurs: Seek medical advice or attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if easy to do. Continue rinsing eyes.  
IF INHALED: Remove person to fresh air and call 911 or emergency medical personnel.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
Take off contaminated clothing and wash them before reuse.  
Keep in original package or store in a corrosion resistant container with a corrosion resistant lining.  
Dispose of contents/container in accordance with local/regional/ national/ international regulations.  
Wear nitrile protective gloves.  
Wear eye protection such as safety eyewear or face shield.

**SECTION 3: Composition/Information on Ingredients**

Chemical identity	Common name, synonyms, etc.	CAS #	%
Phosphoric Acid		7664-38-2	22-25

**SECTION 4: First Aid Measures**

If medical advice is needed, have product container or label at hand.

<b>Necessary measures for routes of exposure</b>	IF SWALLOWED: Rinse mouth thoroughly. DO NOT induce vomiting. Drink 16 ounces of water. Call 911 or emergency medical professional.
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If skin irritation occurs get medical advice/attention.
	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call 911 or emergency medical professional if breathing becomes labored.
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if easy to do. Continue rinsing.
<b>Most important symptoms/effects, acute and delayed.</b>	Acute exposure may cause skin irritation or eye irritation.
<b>Immediate medical attention and special treatment, if necessary</b>	Move victim to fresh air. Call 911 or medical services.

**SECTION 5: Fire-fighting Measures**

<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray
<b>Specific hazards arising from the chemical.</b>	None. Move containers from fire area, if you can do it without risk
<b>Special protective equipment and precautions for fire-fighters.</b>	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.
<b>Emergency Response Guide Number</b>	154

**SECTION 6: Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures.</b>	Protective gloves, clothing and safety eyewear are recommended for safe handling
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements, or confined areas. Collect spillage.
<b>Methods and materials for containment and cleaning up.</b>	Stop leak if you can without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Avoid cross-contamination. Do not eat, drink or smoke where this material is used. Wash hands thoroughly after handling. Protective nitrile gloves and safety eyewear is recommended. Use only with adequate ventilation/personal protection.
<b>Conditions for safe storage, including any incompatibilities.</b>	Store in original containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled

**SECTION 8: Exposure Controls/Personal Protection**

<b>Control parameters</b>	Handle with in accordance with good industrial hygiene and safety practice. Use in accordance with the manufacturer's instructions. Wash hands before breaks and after the workday.
<b>Appropriate engineering controls</b>	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.
<b>Individual protection measures</b>	Wear protective safety eyewear or face shield and nitrile gloves.

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Transparent clear to yellow liquid	<b>Specific Gravity</b>	1.04-1.07
<b>Odor</b>	Lavender Fragrance added	<b>Boiling Point</b>	Not tested
<b>Recommended Use Dilution</b>	1:3 parts water for heavy scale 1:5 parts water for general use.	<b>Solubility in Water</b>	Complete
<b>pH at concentrate</b>	<1	<b>Evaporation Rate</b>	Slower than water
<b>pH at use dilution</b>	1.9-2.25	<b>Volatile Organic Compound</b>	0%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	No data available.
<b>Incompatible materials</b>	Acids and strong oxidizers
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
<b>Additional Information</b>	None available on this product.

**SECTION 12: Ecological Information**

No data is available on this mixture. Avoid release to the environment when not used as intended.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Once rinsed contaminate packaging can be recycled.

**SECTION 14: Transport Information**

**DOT Packaging Exception 173.154,b,2,d**  
**Limited Quantities not over 1.3 gals (Inner packaging not over 1.3 gals)**  
**If shipped by airplane, rail or vessel see 49CFR 172.101 Hazardous Materials Table**

<b>DOT Identification</b>	UN1805	<b>Hazard Class</b>	8
<b>DOT Classification</b>	Corrosive Liquid, Phosphoric Acid Solution	<b>Packaging Group</b>	III
<b>Placard</b>	Corrosive 8	Special Provision for Bulk Transport (>119 gals container for liquids) Corrosive 8 placard	

**SECTION 15: Regulatory Information**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302  
 This material does not contain any components subject to the reporting requirements of SARA Title III, Section 313  
 The ingredient Phosphoric Acid CAS 7664-38-2 is subject to the reporting requirements of SARA 311/312 as an Acute Health hazard, Chronic Heal Hazard.  
 Mixture has not been tested.

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.

Phosphoric Acid CAS 7664-38-2 is a MA, PA and NJ Right-to-know chemical

**SECTION 16: Other Information**

Revision prepared 07/31/2023 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.  
 Previous version dated 02/25/2021.

**DISCLAIMER:** Whereas the use and handling of this product is not within the control of Next-Gen Supply Group, it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. Next-Gen Supply Group accepts no liability for damages or loss incurred from the misuse and mishandling of this product.