

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** NeoSeal Drain Cleaner  
**PRODUCT USE:** Removes tough stains and clean blocked drain pipes  
**MANUFACTURER:** NeoSeal Adhesive Pvt. Ltd.  
 Plot# 628/7, GIDC Savli, At. Manjusar  
 Dis. Vadodara - 391775, Gujarat, India  
 Tel. +91-9099 -935744

**SECTION 2 - HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION:**

Health		Environmental		Physical	
Acute Toxicity:	Category 1	Acute Toxicity:	None Known	Flammable Liquid	None
Skin Irritation:	Category 1	Chronic Toxicity:	None Known		
Skin Sensitization:	Category 1				
Eye:	Category 1				

**GHS LABEL:**



Hazard Statements	Precautionary Statements
H290: May be corrosive to metals H314: Causes severe skin burns and eye damage H410: Very toxic to aquatic life with long lasting effects	P102: Keep out of reach of children P261: Avoid breathing dust/fume/gas/mist/vapors/spray P280: Wear protective gloves/protective clothing/eye protection/face protection P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P403+P233: Store in a well ventilated place. Keep container tightly closed P264: Wash hands thoroughly after handling P501: Dispose of contents/container in accordance with local regulation

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS:	CAS#	EINECS #	CONCENTRATION	ACGIH TLV	ACGIH STEL
Sodium Hydroxide	1310-73-2	215-185-5	60-100	2mg/m3	2mg/m3

**SECTION 4 - FIRST AID MEASURES**

**Contact with eyes:** Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.  
**Skin contact:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.  
**Inhalation:** Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.  
**Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical advice immediately.

**SECTION 5 - FIREFIGHTING MEASURES**

**Suitable:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Unsuitable:** None Known  
**Exposure Hazards:** Inhalation and dermal contact  
**Combustion Products:** Oxides of carbon, hydrogen chloride and smoke  
**Protection for Firefighters:** Self-contained breathing apparatus or full-face positive pressure airline masks.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment. Prevent contact with skin or eyes (see section 8).  
**Environmental Precautions:** Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.  
**Methods for Cleaning up:** Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.  
**Materials not to be used for clean up:** Aluminum or plastic containers

**SECTION 7 - HANDLING AND STORAGE**

**Handling:** Avoid breathing of vapor, avoid contact with eyes, skin and clothing. Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods. Do not eat, drink or smoke while handling.  
**Storage:** Do not store near acids, store away from food, beverages and pet food, Keep out of reach of children, Follow all precautionary information on container label, product bulletins and literature.

**SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION**

EXPOSURE LIMITS:	Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL:
	Sodium Hydroxide	2mg/m3	2mg/m3	2mg/m3	2mg/m3

**Monitoring:** Maintain breathing zone airborne concentrations below exposure limits.  
**Personal Protective Equipment (PPE):**  
**Eye Protection:** Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.  
**Skin Protection:** Prevent contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion. Use of solvent-resistant gloves or solvent-resistant barrier cream should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.  
**Respiratory Protection:** Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above. With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Crystalline powder	<b>Odor Threshold:</b>	No data available
<b>Odor:</b>	Odourless		
<b>pH:</b>	13-14		
<b>Melting/Freezing Point:</b>	323 °C Based on first melting component: NaOH	<b>Evaporation Rate:</b>	No data available
<b>Boiling Point:</b>	1388 °C	<b>Flammability:</b>	None
<b>Flash Point:</b>	Not Applicable		
<b>Specific Gravity:</b>	2.13 g/cm3	<b>Vapor Pressure:</b>	< 0.1 hpa (20 °C)
<b>Solubility:</b>	Exothermically soluble in water,	<b>Vapor Density:</b>	No data available
<b>Partition Coefficient n-octanol/water:</b>	Not Available	<b>Other Data: Viscosity:</b>	Hygroscopic,translucent
<b>Auto-ignition Temperature:</b>	Not Applicable		
<b>Decomposition Temperature:</b>	Not Applicable		

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Stability</b>	Hygroscopic,unstable on exposure to air
<b>Hazardous decomposition products:</b>	Sodium Oxide
<b>Conditions to avoid:</b>	Moisture, Incompatible materials
<b>Incompatible Materials:</b>	Water, Oxidizers, strong acids and metals

**SECTION 11 - TOXICOLOGICAL INFORMATION**

<b>Likely Routes of Exposure:</b>	Inhalation, Eye and Skin Contact
<b>Acute symptoms and effects:</b>	
<b>Inhalation:</b>	Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.
<b>Eye Contact:</b>	Corrosion of the eye tissue, permanent eye damage
<b>Skin Contact:</b>	Blisters,caustic burns,slow healing wounds
<b>Ingestion:</b>	May cause nausea, vomiting, diarrhea and mental sluggishness.
<b>Chronic (long-term) effects:</b>	None known to humans
<b>Toxicity:</b>	LD <sub>50</sub> LC <sub>50</sub>
Sodium hydroxide	1350 mg/kg Rabbit 45.4 mg/l Fish

<u>Reproductive Effects</u>	<u>Teratogenicity</u>	<u>Mutagenicity</u>	<u>Embryotoxicity</u>	<u>Sensitization to Product</u>	<u>Synergistic Products</u>
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

**SECTION 12 - ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	None Known
<b>Mobility:</b>	Not applicable
<b>Degradability:</b>	Not applicable
<b>Bioaccumulation:</b>	Not applicable

**SECTION 13 - WASTE DISPOSAL CONSIDERATIONS**

Follow local and national regulations. Consult disposal expert.

**SECTION 14 - TRANSPORT INFORMATION**

<b>Proper Shipping Name:</b>	Drain cleaner
<b>Hazard Class:</b>	8
<b>Secondary Risk:</b>	None
<b>Identification Number:</b>	UN 1823
<b>Packing Group:</b>	PG II
<b>Marine Pollutant:</b>	NO data available

<b>EXCEPTION for Ground Shipping</b>
<b>DOT Limited Quantity:</b> 50 kg
<b>Consumer Commodity:</b> Depending on packaging

<b>TDG INFORMATION</b>	
<b>TDG CLASS:</b>	class 8
<b>SHIPPING NAME:</b>	Drain Cleaner
<b>UN NUMBER/PACKING GROUP:</b>	UN 1823, PG II

**SECTION 15 - REGULATORY INFORMATION**

<b>Precautionary Label Information:</b>	Highly Hygroscopic, Irritant	<b>Ingredient Listings:</b>	USA TSCA, Europe EINECS, Canada DSL, Australia
<b>Symbols:</b>	F, Xi		AICS, Korea ECL/TCCL, Japan MITI (ENCS)
<b>Risk Phrases:</b>	R20: Harmful by inhalation. R36/37: Irritating to eyes and respiratory system.		R66: Repeated exposure may cause skin dryness or cracking R67: Vapors may cause drowsiness and dizziness
<b>Safety Phrases:</b>	S9: Keep container in a well-ventilated place. S16: Keep away from sources of water, moisture S25: Avoid contact with eyes.		S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S33: Take precautionary measures against static discharges. S46: If swallowed, seek medical advise immediately and show this container or label.

**SECTION 16 - OTHER INFORMATION**

<b>Specification Information:</b>		
<b>Department issuing data sheet:</b>	NeoSeal Adhesive, Safety & Health Department	All ingredients are compliant with the requirements of the European
<b>e-mail address:</b>	<a href="mailto:info@neoseal.net">info@neoseal.net</a>	Directive on RoHS (Restriction of Hazardous Substances).
<b>Training necessary:</b>	Yes, training in practices and procedures contained in product literature.	
<b>Reissue date / reason for reissue:</b>	08/09/2021 Updated GHS Standard Format	
<b>Intended Use of Product:</b>	Removes tough stains and clean blocked drain pipes	

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.