



# Safety Datasheet

## Section 1—Chemical Product and Company Identification

**Product Identifier:** PROSTAR KETTLE CLEANER

**Product Use:** Heavy Duty Cleaner

**Manufacturer:** Carroll Clean llc, 2900 West Kingsley Road, Garland, Texas 75041, tel 214-299-7300.

**Emergency Contact:** InfoTrac, +1 352-323-3500 (international), 800-535-5053 (toll free US and Canada).

## Section 2—Hazards Identification

**Physical Hazards:** Corrosive to metals : Category 1

**Health Hazards:** Serious eye damage : Category 1

**Environmental Hazards:** N/A

**Signal Word:** DANGER

**Symbols:**



**Hazard Statements:** Causes severe skin burns and eye damage.

**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Precautionary Statements:** See SDS Sheet for more information

**Other Hazards:** None found.

**Unknown Ingredients:**

## Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
Sodium Hydroxide Product As a Whole	10-15 '100	1310-73-2

## Section 4—First Aid Measures

**Skin contact:** If on skin or hair: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If irritation occurs, get medical attention.

**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 attention.

**Ingestion:** If swallowed: Rinse mouth. DO NOT induce vomiting. Call a doctor if you feel unwell.

**Inhalation:** If inhaled: Get fresh air, administer oxygen or artificial respiration if needed. Call a doctor if you feel unwell.

**Most important symptoms/effects, acute and delayed:** N/D

**Indication of immediate medical attention/special treatment:** N/D

## Section 5—Fire-Fighting Measures

**Suitable extinguishing media:** Water, fog, foam, dry chemical, CO<sub>2</sub>

**Specific hazard arising from chemicals:** Vapors are heavier than air and may travel along the ground.

**Special equipment and precautions:** Self-contained or air supplied breathing apparatus and protective gear. Cool nearby drums with water to prevent pressure build-up.

## Section 6—Accidental Release Measures

**Personal precaution, protective equipment, emergency procedures:** Avoid contact with skin and eyes. Do not ingest. Wear Personal Protective Equipment (refer to section 8).

**Methods and material for containment and clean up:** Avoid release to the environment. Stop discharge and contain material. Substantial quantities may be recovered with a vacuum pump. Use explosion proof equipment if flammable or combustible. Otherwise, use appropriate absorbent. Place contaminated material in container suitable for disposal. Use appropriate protective equipment. Be sure there is adequate ventilation. Do not flush to streams or other bodies of water. Contact appropriate environmental agencies if further guidance is required.

## Section 7—Handling and Storage

**Precautions for safe handling:** Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes.

**Cautions for safe storage:** Keep out of reach of children. Keep container closed when not in use.

**Incompatibilities:** Avoid contact with strong acid solutions or cleaning agents

## Section 8—Exposure controls/personal protection

**Exposure Limits:** Sodium Hydroxide (1310-73-2) 2 mg/m<sup>3</sup>

**Specific Engineering:** Not established.

**Individual protective equipment and measures:** Eye Protection: Prevent eye contact. Wear chemical splash goggles or similar eye protection if the potential exists for eye contact. Skin Protection: Avoid skin contact. Wear water proof gloves (latex, PVC, rubber or neoprene) to prevent contact. Respiratory Protection: None necessary General Hygiene: Wash hands after handling. Eyewash fountain with safety shower in work area. Wear complete clothing to minimize skin contact

## Section 9—Physical and Chemical Properties

<b>Physical State:</b> Liquid	<b>Flammability (solid, gas):</b> Not Flammable
<b>Color:</b> Clear, Yellow	<b>Vapor Pressure (mmHg):</b> N/D
<b>Odor:</b> Bland	<b>Vapor Density (air= 1):</b> N/D
<b>Odor Threshold:</b> N/D	<b>Relative Density:</b> 1.1272
<b>pH:</b> >13	<b>Solubilities:</b> In water: complete
<b>Melting point/freezing Point:</b> N/D	<b>Partition Coefficient:</b> N/D
<b>Initial Boiling Point and Boiling Range:</b> no data available	<b>Auto-Ignition Temperature:</b> N/D
<b>Flash Point:</b> >200 °F (TCC)	<b>Decomposition Temperature:</b> N/D
<b>Evaporation Rate:</b> N/D	<b>Viscosity:</b> N/D
<b>Upper/Lower Flammability or Explosive limits:</b> N/D	

## Section 10—Stability and Reactivity:

<b>Chemical Stability:</b> Stable at room temperature.	<b>Condition to Avoid:</b>
<b>Reactivity:</b> No specific reactivity test data available for this mixture.	<b>Possibility of Hazardous Reaction:</b> Hazardous <b>Polymerization:</b> N/D
<b>Incompatible Materials:</b> Strong Acids	<b>Hazardous Decomposition Products:</b> Carbon monoxide, carbon dioxide, various hydrocarbons etc.

## Section 11—Toxicological information:

**Information on the likely routes of exposure:** Skin contact, eye contact, inhalation, ingestion.

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LD50</b>
Sodium Hydroxide	≥ 90000 mg/kg	N/D	N/D
Product as a Whole		N/D	N/D

**Important symptoms:** Refer to Section 4—First Aid Measures.

**Effects of Acute Exposure:** Skin: Causes severe skin burns and eye damage. Eye: Causes serious eye damage. Gastrointestinal tract: irritation. Inhalation: irritation of respiratory system.

**Effects of Chronic Exposure:** N/D

**Carcinogenicity:** IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

**Other Data:** N/D

## Section 12—Ecological Information:

Ecotoxicity: N/D

Persistence and degradability: N/D	Bioaccumulative Potential: N/D
Mobility in Soil:	Other Adverse Effects:

## Section 13—Disposal Considerations

**Waste Treatment Method:** Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

## Section 14—Transport Information

UN number: UN1824 Sodium hydroxide solution, 8, II UN1824	UN proper shipping name: PROSTAR KETTLE CLEANER
Transport hazard class(es) : 8 - Class 8 - Corrosive material 49 CFR 173.136	Packing group if applicable: II - Medium Danger
Environmental hazards: Not applicable	Special precautions: B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized. IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. N34 - Aluminum construction materials are not authorized for any part of a packaging which is normally in contact with the hazardous material. T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3) TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: $t_r$ is the maximum mean bulk temperature during transport, $t_f$ is the temperature in degrees celsius of the liquid during filling, and $a$ is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling ( $t_f$ ) and the maximum mean bulk temperature during transportation ( $t_r$ ) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: $d_{15}$ and $d_{50}$ are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.

## Section 15—Regulatory information

## Section 16—Other Information

### Key to Abbreviations:

no info not determined, no information found

N/D not determined, no information found

**Date SDS Prepared:** September 12, 2022

### Suggested NFPA rating:

**Suggested HMIS rating:** H=3, F=0, P=1, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.