



## Safety Data Sheet (SDS)

### Product: Power Wash

#### 1. Identification

| Section                 | Details                                                                      |
|-------------------------|------------------------------------------------------------------------------|
| Product Identifier      | Power Wash                                                                   |
| Synonyms                | Heavy Duty Degreaser, Power Wash X, PW                                       |
| Recommended Use         | Alkaline degrease/ General purpose truck wash/ Foaming detergent             |
| Restrictions on Use     | For industrial/professional use only. Not for consumer use without training. |
| Manufacturer / Supplier | Skyrex Inc.                                                                  |
| Address                 | 427 Whitehead Ave. (Suite 2), South River, New Jersey, 08882                 |
| Telephone               | 908-245-1152                                                                 |
| Emergency Phone         | CHEMTEL 1-800-255-3924                                                       |
| SDS ID / Product Code   | Power Wash / 009                                                             |
| Issue / Revision Date   | September 19, 2025                                                           |
| Version                 | 2                                                                            |

## 2. Hazard Identification

| Section                               | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification (GHS/OSHA HazCom 2012) | <p>Skin Corrosion Category 1B; Serious Eye Damage Category 1; Corrosive to Metals Category 1.</p> <p>HEALTH 3<br/>FLAMMABILITY 0<br/>PHYSICAL 1</p> <p>PPE D Chemical resistant- Googles, Gloves, Apron, boots</p>                                                                                                                                                                                                                                                                                                                                                                       |
| Signal Word                           | DANGER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Pictograms                            | <p>GHS05 (Corrosion)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hazard Statements                     | <p>H314: Causes severe skin burns and eye damage.<br/>H318: Causes serious eye damage.<br/>H335: May cause respiratory irritation.<br/>H290: May be corrosive to metals.</p>                                                                                                                                                                                                                                                                                                                                                                                                             |
| Precautionary — Prevention            | <p>P260: Do not breathe mists/spray. P264: Wash thoroughly after handling. P280: Wear protective gloves, protective clothing, and eye/face protection. P234: Keep only in original container.</p>                                                                                                                                                                                                                                                                                                                                                                                        |
| Precautionary — Response              | <p>P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br/>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER/doctor. P363: Wash contaminated clothing before reuse. P390: Absorb spillage to prevent material damage.</p> |
| Precautionary — Storage               | <p>P405: Store locked up. P406: Store in a corrosion-resistant container with a resistant inner liner.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                          |                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary — Disposal | P501: Dispose of contents/container in accordance with local/regional/national regulations.                                                     |
| Other Hazards            | Contact with acids may release heat and splattering.<br>Contact with aluminum, zinc, or galvanized metals may release hydrogen gas (flammable). |
| OSHA Regulatory          | This product is considered hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).                                               |

### 3. Composition / Information on Ingredients

| Component                                  | CAS No.    | % (w/w) range | GHS Classification                                           | Notes               |
|--------------------------------------------|------------|---------------|--------------------------------------------------------------|---------------------|
| Sodium Hydroxide                           | 1310-73-2  | 6–7%          | Skin Corr. 1A (H314); Eye Dam. 1 (H318); Met. Corr. 1 (H290) | Corrosive alkali    |
| Sodium Metasilicate                        | 6834-92-0  | 2–3%          | Skin Corr. 1B (H314); Eye Dam. 1 (H318)                      | Alkaline builder    |
| Sodium Gluconate                           | 527-07-1   | 0.5–1.0%      | Not classified                                               | Chelating agent     |
| Alkyl polyglucoside (APG) surfactant blend | 68515-73-1 | 3–4%          | Eye Irrit. 2B (H319); Skin Irrit. 2 (H315)                   | Glucoturge          |
| Alpha Olefin Sulfonate (AOS 40%)           | 68439-57-6 | 0.3-0.5%      | Skin irritant Category 2<br>Eye Dam. Category 1              | Foaming Agent       |
| Water                                      | 7732-18-5  | Balance       | Not classified                                               | Diluent             |
| Red Dye (colorant)                         | Mixture    | <0.1%         | Not classified at use level                                  | For product ID only |

Note: Exact percentages are withheld as a trade secret; ranges meet HazCom 2012/GHS. Final product dyed blue; no fragrance.

## 4. First-Aid Measures

| Section                                                                | Details                                                                                                                                                                                                                           |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Advice                                                         | Show this SDS to the physician in attendance. Ensure responders wear appropriate PPE.                                                                                                                                             |
| If Inhaled                                                             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms persist.                                                                                                  |
| If on Skin                                                             | Immediately remove contaminated clothing and shoes. Rinse skin with plenty of water for at least 15 minutes. Wash with soap if available. Seek medical attention if irritation develops. Wash contaminated clothing before reuse. |
| If in Eyes                                                             | Rinse cautiously with water for at least 15–20 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek immediate medical attention.                                                                      |
| If Swallowed                                                           | Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Give water if victim is conscious. Seek immediate medical attention.                                                                  |
| Most Important Symptoms and Effects, Both Acute and Delayed            | Causes severe burns to eyes and skin. May cause permanent eye injury. Inhalation may cause respiratory tract irritation. Ingestion may cause burns to mouth, throat, and stomach.                                                 |
| Indication of Immediate Medical Attention and Special Treatment Needed | Provide symptomatic treatment and supportive care. Specific treatment: immediate flushing with water is essential.                                                                                                                |

## 5. Fire-Fighting Measures

| Section                        | Details                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media   | Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Use water spray to cool containers. |
| Flash Point                    | Not applicable (aqueous solution)                                                                             |
| Unsuitable Extinguishing Media | Do not use a solid water stream directly on the spill; may                                                    |

|                                                       |                                                                                                                                                                |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                       | spread corrosive material.                                                                                                                                     |
| Specific Hazards Arising from the Chemical            | Not flammable, but product is strongly alkaline and corrosive. Contact with metals may produce flammable hydrogen gas. Containers exposed to heat may rupture. |
| Protective Equipment and Precautions for Firefighters | Wear self-contained breathing apparatus (SCBA) and full protective gear. Approach from upwind to avoid corrosive vapors.                                       |

## 6. Accidental Release Measures

| Section                   | Details                                                                                                                                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions      | Evacuate unprotected personnel. Wear acid-resistant gloves, goggles/face shield, apron/boots; provide ventilation. Avoid breathing mists.                                                                             |
| Environmental Precautions | Prevent entry into storm drains or surface waters. Notify authorities if release cannot be contained.                                                                                                                 |
| Containment & Cleanup     | Stop leak if safe to do so. Neutralize with dilute acid (citric or acetic). Absorb with inert material (sand, vermiculite). Collect into suitable containers for disposal. Wash the spill area thoroughly with water. |

## 7. Handling and Storage

| Section             | Details                                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe Handling       | Do not breathe mist/vapors. Avoid contact with skin, eyes, and clothing. Do not mix with acids. Use only with adequate ventilation. Wash thoroughly after handling. Keep containers closed. Provide eyewash and a safety shower. |
| Storage             | Keep containers tightly closed in a cool, dry, well-ventilated area. Store away from acids, aluminum, zinc, and galvanized metals. Protect from freezing and direct sunlight.                                                    |
| Specific End Use(s) | Heavy duty degreaser; professional/industrial use.                                                                                                                                                                               |

## 8. Exposure Controls / Personal Protection

| Section                              | Details                                                                                                                                                                                                                                                    |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure Limits / Control Parameters | Sodium Hydroxide: OSHA PEL (Ceiling) = 2 mg/m <sup>3</sup> ; ACGIH TLV (Ceiling) = 2 mg/m <sup>3</sup> . Sodium Metasilicate: No established limits. No OELs established for APG/dye.                                                                      |
| Engineering Controls                 | Provide local exhaust where mists can form. Enclose transfer/mixing where feasible. Maintain eyewash and a safety shower near the work area.                                                                                                               |
| Eye/Face Protection                  | Chemical splash goggles AND face shield (ANSI Z87.1).                                                                                                                                                                                                      |
| Skin/Hand Protection                 | Chemical-resistant gloves (nitrile, neoprene, PVC) and protective clothing/apron; boots as needed.                                                                                                                                                         |
| Respiratory Protection               | Not normally required with adequate ventilation. If ventilation inadequate or if mists may exceed OELs, use a NIOSH-approved respirator with P95/P100 particulate filter suitable for caustic aerosols; full-face piece recommended for splash protection. |
| Hygiene Measures                     | Wash hands after handling and before breaks. Remove contaminated clothing and launder before reuse.                                                                                                                                                        |

## 9. Physical and Chemical Properties

| Property               | Value                                          |
|------------------------|------------------------------------------------|
| Appearance             | Blue liquid                                    |
| Odor                   | Mild surfactant                                |
| pH                     | 12-13 concentrated product                     |
| Melting/Freezing Point | Not determined (expected near 0°C)             |
| Boiling Point/Range    | > 100°C (water-based)                          |
| Flash Point            | Not applicable (non-flammable aqueous mixture) |
| Evaporation Rate       | Similar to water                               |
| Flammability           | Not flammable                                  |
| Explosive Limits       | Not applicable                                 |
| Vapor Pressure         | Similar to water at ambient temperature        |
| Vapor Density (air=1)  | Not determined (water vapor ≈ 0.6)             |

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Relative Density / Specific Gravity   | ≈ 1.08 – 1.12 @ 20–25°C              |
| Solubility                            | Completely miscible in water         |
| Partition Coefficient n-octanol/water | Not applicable                       |
| Auto-ignition Temperature             | Not applicable                       |
| Decomposition Temperature             | >100 degrees Celsius (boiling point) |
| Viscosity                             | Low; ~1–5 mPa·s @ 25°C               |
| VOC Content                           | 0 g/L (water-based)                  |

## 10.Stability and Reactivity

| Section                            | Details                                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | Strongly alkaline, reacts vigorously with acids producing heat and splattering                                      |
| Chemical Stability                 | Stable under normal conditions of storage and handling                                                              |
| Possibility of Hazardous Reactions | Reacts with aluminum, zinc, or galvanized metals to release flammable hydrogen gas.                                 |
| Conditions to Avoid                | Avoid contact with acids and incompatible metals. Avoid freezing and high heat. Mixing with incompatible chemicals. |
| Incompatible Materials             | Strong acids, aluminum, zinc, galvanized metals, ammonium salts.                                                    |
| Hazardous Decomposition Products   | Hydrogen gas, sodium oxides, irritating fumes                                                                       |

## 11. Toxicological Information

| Section                           | Details                                                                                                                                |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Likely Routes of Exposure         | Skin/eye contact; inhalation of mists; ingestion.                                                                                      |
| Acute Toxicity                    | Mixture acute toxicity estimates are not meaningful due to corrosivity; primary hazard is tissue destruction from strong alkali burns. |
| Skin Corrosion/Irritation         | Causes severe skin burns; pain, redness, blistering; deep tissue damage possible.                                                      |
| Serious Eye Damage/Irritation     | Causes serious eye damage; risk of corneal injury and permanent vision loss.                                                           |
| Respiratory or Skin Sensitization | Not expected to be a sensitizer.                                                                                                       |
| Germ Cell Mutagenicity            | Not expected to be mutagenic.                                                                                                          |

|                          |                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Carcinogenicity          | Not listed as a carcinogen by IARC, NTP, ACGIH, or OSHA.                                                                                                                                                                                                                                                                         |
| Reproductive Toxicity    | Not expected to cause reproductive or developmental toxicity.                                                                                                                                                                                                                                                                    |
| STOT — Single Exposure   | Upper respiratory irritation and caustic injury possible with mists.                                                                                                                                                                                                                                                             |
| STOT — Repeated Exposure | Prolonged/repeated skin contact may cause dermatitis, ulceration, or chronic injury due to strong alkalis.                                                                                                                                                                                                                       |
| Aspiration Hazard        | Not expected to present an aspiration hazard.                                                                                                                                                                                                                                                                                    |
| LD 50/ LC50              | Sodium hydroxide (CAS 1310-73-2): Oral LD50 (rat) = 325 mg/kg (corrosive damage primary). Sodium metasilicate (CAS 6834-92-0): Oral LD50 (rat) ≈ 1153 mg/kg. Sodium gluconate (CAS 527-07-1): Oral LD50 (rat) > 2000 mg/kg (low toxicity). Glucoturge surfactant blend: Oral LD50 (rat) > 2000 mg/kg (low to moderate toxicity). |

## 12. Ecological Information

| Section                   | Details                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity               | Alkaline solutions may be harmful to aquatic life by raising pH. LC50 (fish, 96h) for sodium hydroxide: ~125 mg/L. |
| Persistence/Degradability | Surfactants are biodegradable. Inorganic salts are persistent in the environment.                                  |
| Bioaccumulation           | Not expected for mixture.                                                                                          |
| Mobility in Soil          | Water-soluble and mobile; High mobility in aqueous environments                                                    |
| Other Adverse Effects     | May alter local pH and harm aquatic organisms if released untreated—prevent uncontrolled releases.                 |

## 13. Disposal Considerations

| Section                          | Details                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste Treatment Methods          | Dispose of contents/container in accordance with federal, state, and local regulations. For small amounts, trained personnel may neutralize and adjust pH to 6–9 before discharge to sanitary sewer with POTW permission. Large volumes: collect in compatible containers for disposal by a licensed contractor. |
| RCRA Classification (40 CFR 261) | Corrosive waste (D002) if discarded in concentrated form. Generator is responsible for the final waste determination.                                                                                                                                                                                            |
| Contaminated Packaging           | Triple rinse containers. Offer clean containers for recycling or reconditioning. Dispose of contaminated containers as hazardous waste if not reusable. Triple-rinse with water; add rinsate to process or manage as waste. Recycle clean HDPE where available.                                                  |



## 14. Transport Information

| Section                             | Details                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------|
| UN Number                           | UN1760                                                                                                       |
| Proper Shipping Name                | Corrosive Liquid, N.O.S.(Sodium Hydroxide)                                                                   |
| Transport Hazard Class(es)          | Class 8 (Corrosive)                                                                                          |
| Packing Group                       | PG II                                                                                                        |
| DOT (49 CFR)                        | Corrosive Liquid, N.O.S.(Sodium Hydroxide), 8, PG II.                                                        |
| IATA/ICAO (Air)                     | Corrosive Liquid, N.O.S.(Sodium Hydroxide), 8, PG II. Cargo aircraft only. Follow quantity/packaging limits. |
| IMDG (Sea)                          | Corrosive Liquid, N.O.S.(Sodium Hydroxide), 8, PG II. Not a marine pollutant.                                |
| Labels/Markings                     | Corrosive (Class 8). Use corrosion-resistant packaging and secure closures.                                  |
| Special Precautions for User        | Keep upright; segregate from reactive metals; vent carefully when opening.                                   |
| Transport in Bulk (MARPOL/IBC Code) | Not intended for bulk transport under MARPOL Annex II/IBC Code.                                              |

## 15. Regulatory Information

| Section                             | Details                                                                                                                                                     |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OSHA HazCom 2012                    | Hazardous chemical:<br>Skin Corr. - 1A<br>Eye Dam. - 1<br>Met. Corr. - 1                                                                                    |
| TSCA                                | All intentional components are on the TSCA Inventory or exempt.                                                                                             |
| SARA 311/312                        | Acute (Immediate) Health Hazard: YES.<br>Corrosive to metals: YES<br>Chronic, Fire, Pressure, Reactivity: NO                                                |
| SARA 302                            | None present.                                                                                                                                               |
| SARA 304/CERCLA Reportable Quantity | Sodium hydroxide RQ= 1,000lbs. (applies to releases of NaOH)                                                                                                |
| SARA 313 (TRI)                      | No reportable ingredients at or above de minimis thresholds.                                                                                                |
| State Right-to-Know                 | Sodium metasilicate and Sodium hydroxide (corrosive) may appear on NJ/PA/MA RTK lists when/if exceeding reporting thresholds. Workplace labeling may apply. |
| California Proposition 65           | Not known to contain listed substances.                                                                                                                     |
| Other Regulatory Notes              | Not a pesticide; not regulated by FIFRA. Users are responsible for compliance with all applicable federal, state, and local regulations.                    |

16. Other Information

| Section               | Details                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prepared By           | Skyrex Inc. Compliance Team — Tel: 908-245-1152                                                                                                                                                                                                                                                                                                                                                   |
| Emergency Phone       | Chemtel 1-800-255-3924 (24-hr)                                                                                                                                                                                                                                                                                                                                                                    |
| Issue / Revision Date | September 19, 2025                                                                                                                                                                                                                                                                                                                                                                                |
| Revision Number       | 2                                                                                                                                                                                                                                                                                                                                                                                                 |
| Key Sources of Data   | Supplier SDS for sodium hydroxide 50% solution UN1824. Sodium metasilicate; Sodium gluconate; Surfactant Blend Glucoturge APG; OSHA HazCom 2012: ACGIH/ OSHA/NIOSH exposure limits. DOT/IATA/IMDG transport regulations. EPA SARA/CERCLA guidance.                                                                                                                                                |
| HMIS (estimate)       | Health 3   Flammability 0   Physical Hazard 1   PPE: D (CR googles/ gloves/ apron/ boots)                                                                                                                                                                                                                                                                                                         |
| NFPA 704              | Health 3   Flammability 0   Instability 1   Special: —                                                                                                                                                                                                                                                                                                                                            |
| Disclaimer            | Information is believed accurate as of the revision date and provided without warranty. Users are responsible for determining suitability and for compliance with applicable laws and regulations.                                                                                                                                                                                                |
| Training Advice       | Ensure employees read label/SDS before use; Train on corrosive hazards, PPE use and spill response. Do not mix with acids or incompatible materials. Always add water to product, never product to water. Have eye wash and a safety shower within ten seconds travel time, spill response, and PPE don/doff. Contains foaming surfactant AOS: avoid generating excessive foam in confined areas. |

HEALTH

3

FLAMMABILITY

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REACTIVITY

1

PERSONAL PROTECTION

D