

1. Identification**Product Identity:** PB Formula 340 Part B**Recommended Use:** Heavy-duty industrial cleaner/degreaser**Producer / Distributor**Multi-Clean
600 Cardigan Road
Shoreview, MN 55126**Telephone Number for Information:** 651-481-1900**Emergency Telephone Number:** 800-255-3924

40

**2. Hazard Identification****Classification:****Health Class**Acute Toxicity Category 4
Skin Corrosion Category 1
Serious Eye Damage Category 1
Reproductive Toxicity Category 2
Specific Target Organ Toxicity - Repeated Exposure Category 2**Physical Class****Environment Class**

Acute Aquatic Toxicity Category 1

Label**Symbols****Signal Word** Danger**Hazard Statements:**Harmful if swallowed.
Causes severe skin burns and eye damage.
Suspected of damaging fertility or the unborn child.
May cause damage to kidneys through prolonged or repeated exposure.**Precautionary Statements:**Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Do not eat, drink, or smoke when using this product.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF SWALLOWED: Call a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If exposed or concerned: Get medical attention.
Store locked up.
Dispose of contents in accordance with local regulations.**3. Composition/Information on Ingredients**

Ingredient	CAS Number	Percent by Weight
Potassium Hydroxide	1310-58-3	10 - 20
Sodium Metasilicate Pentahydrate	10213-79-3	10 - 20
Sodium Gluconate	527-07-1	1 - 5
Water	7732-18-5	30 - 70

4. First-Aid Measures:**Ingestion:** If person can swallow, give several glasses of water. Do not induce vomiting. Get immediate medical attention.**Eye Contact:** Flush immediately with water for 15 minutes. Get immediate medical attention.**Skin Contact:** Wash affected area with soap and water. Remove contaminated clothing and launder before reuse**Inhalation:** Remove to fresh air. If irritation persists, get medical attention.**5. Fire Fighting Measures:****Suitable Extinguishing Media:** Foam - CO2 - Dry Chemical**Special Fire Fighting Procedures:** Not Applicable**Unusual Fire and Explosion Hazards** Not Applicable

6. Accidental Release Measures:

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum. Thoroughly rinse affected area with water.

7. Handling and Storage:

Handling: Keep from freezing. Keep out of reach of children.

Storage: Normal care for storage.

8. Exposure Controls / Personal Protection:**Exposure Limits**

Ingredients	CAS Number	Osha PEL	ACGIH TLV
Potassium Hydroxide	1310-58-3	2 mg/M3	2 mg/M3

Exposure Controls

Engineering Controls: Normal good ventilation is sufficient

Personal Protective Equipment:

Eye Protection: Approved Safety Goggles or Glasses

Skin Protection: Chemical Resistant Rubber Gloves

Respiratory Protection: Not required, Avoid breathing spray mist

9. Physical and Chemical Properties:

Physical State: Liquid

pH: > 13.3

Appearance: Clear

Specific Gravity (H₂O = 1): 1.4

Odor: Mild

Flammability: None

Solubility: Complete

Flash Point: None

Evaporation Rate: NA

Boiling Point: > 212° F (100°C)

Vapor Pressure (MM HG): NA

%volatile: 40 - 60%

Vapor Density (Air = 1): < 1

10. Stability and Reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: None are known

Incompatibility (Materials to Avoid): Acids, Amphoteric Metals (Aluminum, Copper, Zinc)

Hazardous Decomposition or By-products: None

Hazardous Polymerization: Will not Occur

Conditions to Avoid: None are known

11. Toxicological Information:

Signs and Symptoms of Overexposure: Corrosive to all body tissues, by all routes of exposure.

Acute Effects:

Eye Contact: Causes severe burns, permanent damage and possibly blindness.

Skin Contact: Causes severe burns and destroy tissue.

Inhalation: Inhalation of generated mists or spray may cause respiratory irritation or damage.

Ingestion: Harmful or fatal if swallowed, causes severe burns or mouth, throat, and stomach.

Target Organ Effects: Kidneys, Skin, Eyes and Suspected of damaging fertility or the unborn child.

Chronic Effects: May cause damage to kidneys through prolonged or repeated exposure.

Acute Toxicity Values:

Oral LD₅₀ 300 - 2000 mg/kg

Dermal LD₅₀ 1000 - 2000 mg/kg

Inhalation (Vapor) LC₅₀ 10 - 20 mg/l

12. Ecological Information:

Persistence and Degradability: Not Available

Bio Accumulative Potential: Not Available

Mobility in Soil: Not Available

Aquatic Toxicity: Very Toxic to Aquatic Life

13. Disposal Considerations:

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

14. Transportation Information:

UN Number: UN3266
Shipping Name: Corrosive, Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide)
Transport Hazard Class: 8
Packing Group: II
Marine Pollutant: NO

15. Regulatory Information:

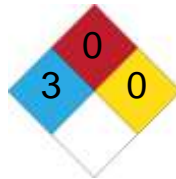
TSCA Status: All ingredients listed
Clean Water Act: Potassium Hydroxide(1310-58-3) is listed in the Clean Water Act as a Hazardous Substance.
Clean Air Act: None of the chemicals in this product are listed under the CAA
CERCLA Reportable Quantity: Potassium Hydroxide (1310-58-3), > 1000 lbs.
SARA Title III Information:
Section 302 Extremely Hazardous Chemicals: None Listed
Section 311 / 312 Hazard Category: Immediate Health
Section 313 Toxic Chemicals None Listed
State Regulations: None
International Regulations: WHMIS Controlled Product Hazard Class: E
California Cleaning Product Right to Know Act of 2017 (SB 258)

Raw Material	CAS No	Function	List
Water	7732-18-5	Diluent	Not Applicable
potassium hydroxide	1310-58-3	Builder	Not Applicable
Sodium Metasilicate	6834-92-0	Builder	Not Applicable
Sodium Gluconate	527-07-1	Chelator	Not Applicable

16. Other Information:

Prepared By: Jeremy Waldner
Telephone Number: 651-481-1900
Revision Date: 1/1/2020
Supersedes: 6/7/2013
This SDS applies to the following Part Numbers

The information contained herein is based on data considered accurate; however no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The company assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.



Health	3
Flammability	0
Physical hazards	0