



**SAFETY DATA SHEET**  
OSHA HCS – 29 CFR 1910.1200

Revision Date: February 19, 2021

**SECTION 1: IDENTIFICATION**

**Product identifier** Gunk Purple Cleaner & Degreaser

**Other means of identification**

**SDS number** PDG32

**Part No.** PDG32, PDG-1G

**Tariff code** 3402.20.5100

**Recommended use** Multi purpose cleaner

**Recommended restrictions** None known.

**Distributor information**

**Company name** Blumenthal Brands Integrated, LLC

**Address** 600 Radiator Road  
Indian Trail, NC 28079

**Telephone** Customer Service/ (704) 821-7643  
Technical

**Website** www.solvewithB.com

**E-mail** sds@solvewithB.com

**Emergency phone number** INFOTRAC (United States) (800) 535-5053  
INFOTRAC (International) (352) 323-3500

**SECTION 2: HAZARDS IDENTIFICATION**

**Classification of the Product**

| Hazard Class   | Category |
|----------------|----------|
| Skin Corrosion | 1        |
| Eye Damage     | 1        |

**Signal Word**

Danger

**Symbols**



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**Hazard Statements**

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

**Precautionary Statements**

P264: Wash thoroughly after handling.

P280: Wear protective gloves / eye protection.

P301+330+331: If swallowed: Rinse mouth. Do NOT induce vomiting.

P303+361+353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+340: 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.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P405: Store locked up.

**Other Hazards**

There are no hazards not otherwise classified that have been identified.

**Unknown Acute Toxicity**

There are no ingredients with an unknown acute toxicity.

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

**Components**

| Chemical Name                     | CAS Number | Percentage |
|-----------------------------------|------------|------------|
| Sodium hydroxide                  | 1310-73-2  | < 5%       |
| Diethylene glycol monobutyl ether | 112-34-5   | < 2%       |
| Sodium metasilicate               | 6834-92-0  | < 1.5%     |
| Quaternary ammonium compounds     | 61791-10-4 | < 0.5%     |
| 2-Butoxyethanol                   | 111-76-2   | < 0.5%     |

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.

**SECTION 4: FIRST-AID MEASURES**

**Description of First-Aid Measures**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Supply fresh air; consult doctor in case of complaints.   |
| <b>Skin Contact</b> | Immediately remove any clothing soiled by the product.<br>Rinse with warm water.<br>Seek medical treatment in case of complaints. |
| <b>Eye Contact</b>  | Remove contact lenses if worn, if possible.<br>Rinse opened eye for several minutes under running water. Then consult a doctor.   |
| <b>Ingestion</b>    | Rinse out mouth and then drink plenty of water.<br>Do not induce vomiting; call for medical help immediately.                     |

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**Most Important Symptoms and Effects, Both Acute and Delayed**

Irritant to skin and mucous membranes

Coughing

Gastric or intestinal disorders

Nausea

**Indication of any Immediate Medical Attention and Special Treatment**

No further relevant information available.

**SECTION 5: FIRE-FIGHTING MEASURES**

|   |   |
|---|---|
| <b>Suitable Extinguishing Media</b>                                   | The product is not flammable.<br>Use fire extinguishing methods suitable to surrounding conditions. |
| <b>Unsuitable Extinguishing Media</b>                                 | None.   |
| <b>Specific Hazards Arising from the Chemical</b>                     | Formation of toxic gases is possible during heating or in case of fire.                             |
| <b>Special Protective Equipment and Precautions for Fire-Fighters</b> | Wear self-contained respiratory protective device.<br>Wear fully protective suit.                   |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Particular danger of slipping on leaked/spilled product.

Wear protective equipment.

Keep unprotected persons away.

Ensure adequate ventilation.

**Methods and Materials for Containment and Cleaning Up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

Clean the affected area carefully; suitable cleaners are: Warm water.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Avoid contact with the eyes and skin.

Keep out of reach of children.

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**Conditions for Safe Storage, Including Any Incompatibilities**

Avoid storage near extreme heat, ignition sources or open flame.

Unsuitable material for receptacle: aluminum.

Unsuitable material for receptacle: steel.

Store away from foodstuffs.

Do not store together with oxidizing and acidic materials.

Store in cool, dry conditions in well-sealed receptacles.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits**

| Chemical Name    | ACGIH TLV                          | OSHA PEL                             | NIOSH IDLH           |
|------------------|------------------------------------|--------------------------------------|----------------------|
| sodium hydroxide | Ceiling limit: 2 mg/m <sup>3</sup> | Long-term value: 2 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> |

**Appropriate Engineering Controls**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases/fumes/aerosols.

**Individual Protection Measures, such as Personal Protective Equipment**

|                                 |   |
|---------------------------------|---|
| <b>Eye/Face Protection</b>      | Tight sealing safety goggles.   |
| <b>Respiratory Protection</b>   | Not required under normal conditions of use.<br>Use suitable respiratory protective device in case of insufficient ventilation.<br>Use suitable respiratory protective device when aerosol or mist is formed.<br>For spills, respiratory protection may be advisable. |
| <b>Hand Protection</b>          | Wear suitable gloves.<br>Rubber gloves.   |
| <b>Skin and Body Protection</b> | Alkaline resistant protective clothing.   |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                                  |                |                                  |                            |
|----------------------------------|----------------|----------------------------------|----------------------------|
| <b>Appearance</b>                | Liquid, Purple | <b>Upper/Lower Flammability</b>  | Not Determined             |
| <b>Odor</b>                      | Pleasant       | <b>Vapor Pressure</b>            | Not Determined             |
| <b>Odor Threshold</b>            | Not Determined | <b>Vapor Density</b>             | Not Determined             |
| <b>pH</b>                        | 12.8           | <b>Relative Density</b>          | 1.0-1.03 g/cm <sup>3</sup> |
| <b>Melting/Freezing Point</b>    | Not Determined | <b>Solubility</b>                | Fully Miscible             |
| <b>Initial Boiling Point</b>     | 100°C (212 °F) | <b>Partition Coefficient</b>     | Not Determined             |
| <b>Flash Point</b>               | Not Determined | <b>Auto-Ignition Temperature</b> | Not Determined             |
| <b>Evaporation Rate</b>          | Not Determined | <b>Decomposition Temperature</b> | Not Determined             |
| <b>Flammability (solid, gas)</b> | Not Applicable | <b>Viscosity</b>                 | Not Determined             |
| <b>VOC</b>                       | 0.45%          |                                  |                            |

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**SECTION 10: STABILITY AND REACTIVITY**

|   |   |
|---|---|
| <b>Reactivity</b>                         | No further relevant information available.  |
| <b>Chemical Stability</b>                 | No decomposition if used and stored according to specifications.  |
| <b>Possibility of Hazardous Reactions</b> | Reacts with strong oxidizing agents.<br>Exothermic reaction with acids.<br>Toxic fumes may be released if heated above the decomposition point. |
| <b>Conditions to Avoid</b>                | Excessive heat.   |
| <b>Incompatible Materials</b>             | No further relevant information available.  |
| <b>Hazardous Decomposition Products</b>   | Carbon monoxide and carbon dioxide<br>Nitrogen oxides   |

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on the Likely Routes of Exposure**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Based on available data, the classification criteria are not met. |
| <b>Ingestion</b>    | Based on available data, the classification criteria are not met. |
| <b>Skin Contact</b> | Causes skin irritation.   |
| <b>Eye Contact</b>  | Causes serious eye damage.  |

**Symptoms Related to the Physical, Chemical and Toxicological Characteristics**

Irritant to skin and mucous membranes

Coughing

Gastric or intestinal disorders

Nausea

**Delayed, Immediate Effects and Chronic Effects from Short- and Long-Term Exposure**

No further relevant information available.

**Numerical Measures of Toxicity**

No available data.

**Carcinogen Classifications**

|   |                                     |
|---|-------------------------------------|
| <b>IARC (International Agency for Research on Cancer)</b>     | None of the ingredients are listed. |
| <b>NTP (National Toxicology Program)</b>                      | None of the ingredients are listed. |
| <b>OSHA (Occupational Safety &amp; Health Administration)</b> | None of the ingredients are listed. |

**SECTION 12: ECOLOGICAL INFORMATION**

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | No further relevant information available. |
| <b>Persistence and Degradability</b> | No further relevant information available. |
| <b>Bioaccumulative Potential</b>     | No further relevant information available. |
| <b>Mobility in Soil</b>              | No further relevant information available. |
| <b>Other Adverse Effects</b>         | No further relevant information available. |

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**Disposal Recommendations**

Small amounts may be diluted with plenty of water and washed away. Dispose of larger amounts in accordance with Local Authority requirements.

**SECTION 14: TRANSPORT INFORMATION**

**Department of Transportation (DOT)**

|                             |  |
|-----------------------------|--|
| <b>UN Number</b>            | UN1760   |
| <b>Proper Shipping Name</b> | Corrosive Liquid, n.o.s. (Sodium Hydroxide, Sodium Metasilicate) |
| <b>Class</b>                | 8  |
| <b>Packing Group</b>        | III  |
| <b>Marine Pollutant</b>     | No   |
| <b>Special Precautions</b>  | None   |

**International Maritime Dangerous Goods (IMDG)**

|                             |  |
|-----------------------------|--|
| <b>UN Number</b>            | UN1760   |
| <b>Proper Shipping Name</b> | Corrosive Liquid, n.o.s. (Sodium Hydroxide, Sodium Metasilicate) |
| <b>Class</b>                | 8  |
| <b>Packing Group</b>        | III  |
| <b>Marine Pollutant</b>     | No   |
| <b>Special Precautions</b>  | None   |

**International Air Transport Association (IATA)**

|                             |  |
|-----------------------------|--|
| <b>UN Number</b>            | UN1760   |
| <b>Proper Shipping Name</b> | Corrosive Liquid, n.o.s. (Sodium Hydroxide, Sodium Metasilicate) |
| <b>Class</b>                | 8  |
| <b>Packing Group</b>        | III  |
| <b>Marine Pollutant</b>     | No   |
| <b>Special Precautions</b>  | None   |

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not Applicable

**SECTION 15: REGULATORY INFORMATION**

**TSCA (Toxic Substances Control Act)**

All of the ingredients are listed.

**Proposition 65 (California)**

|   |                                     |
|---|-------------------------------------|
| <b>Cancer</b>                             | None of the ingredients are listed. |
| <b>Developmental Toxicity for Females</b> | None of the ingredients are listed. |
| <b>Developmental Toxicity for Males</b>   | None of the ingredients are listed. |
| <b>Developmental Toxicity</b>             | None of the ingredients are listed. |

**DSL (Canadian Domestic Substances List)**

None of the ingredients are listed.

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## SECTION 16: OTHER INFORMATION

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### Revision information Original

#### · Relevant phrases

H315 Causes skin irritation.  
H318 Causes serious eye damage.

#### · Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
WHMIS: Workplace Hazardous Materials Information System (Canada)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
Met. Corr. 1: Corrosive to metals – Category 1  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

#### · Sources

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))  
Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do)) Website,  
Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))  
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6  
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN:  
978-0-07-176923-5.

### NFPA

|              |   |
|--------------|---|
| Health       | 3 |
| Flammability | 0 |
| Instability  | 0 |

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