Safety Data Sheet
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS HCS 2012

Trade name: Grime Gone

1 Identification of the substance/mixture and of the company/undertaking

• **1.1 Product identifier**

• **Trade name:** Grime Gone PSPC12

• **Article number:** GP90

• **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

• **Application of the substance / the preparation** Detergent for general cleaning

Product dilution information: 0.5 wt. oz. (14 g) per 2 gal. of water (heavy-duty); 3 gal. (general cleaning); 4 gal. (light duty cleaning)

• **1.3 Details of the supplier of the Safety Data Sheet**

• **Manufacturer/Supplier:**
Professional Supply
PO Box 88
Sheboygan, WI 53082-0088
Phone: 800-236-8675
Website: www.cleaningstuff.com

• **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

• **2.1 Classification of the substance or mixture**

• **Classification according to Regulation (EC) No 1272/2008**

Product as SOLD	Product at USE DILUTION
GHS07 Eye Dam./Irrit. 2A H319 Causes serious eye irritation. Skin Irrit. 2 H315 Causes skin irritation.	Not classified. Not classified.

• **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Xi; Irritant R36: Irritating to eyes	Not classified.

• **Information concerning particular hazards for human and environment:**

The product has to be labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.	The mixture does not meet the criteria for classification.

• **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

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• 2.2 Label elements	
• Labeling according to Regulation (EC) No 1272/2008	
Product as SOLD	**Product at USE DILUTION**
The product is classified and labeled according to the CLP regulation.	The mixture does not meet the criteria for classification.
• Hazard pictograms	
GHS07	None
• Signal word Warning	No signal word.
• Hazard-determining components of labelling:	
disodium metasilicate	Not applicable
• Hazard statements	
H315 Causes skin irritation. H319 Causes serious eye irritation.	
• Precautionary statements	
P102 Keep out of reach of children. P280 Wear protective gloves / eye protection. P264 Wash hands thoroughly after handling. P305+P351+P338+P337+P313 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. P302+P352+P362+P332+P313 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention.	Keep out of reach of children. Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

3 Composition/information on ingredients

• **3.2 Mixtures**
• **Description:** Mixture of substances listed below with nonhazardous additions.

• Dangerous components:		
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	Sodium Carbonate Xi R36 Eye Irrit. 2A, H319	25-50%
CAS: 144-55-8	Sodium Bicarbonate	<15%
CAS: 77-92-9 EINECS: 201-069-1	citric acid Xi R36 Eye Irrit. 2A, H319	<10%

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CAS: Proprietary	Proprietary Surfactant Eye Dam./Eye Irrit. 2B	<10%
CAS: 6834-92-0 EINECS: 229-912-9 Index number: 014-010-00-8	disodium metasilicate C R34; Xi R37 Skin Corr. 1B, H314 STOT SE 3, H335, Acute Tox., Oral, 4 H302	<3%
CAS: 112926-00-8	Precipitated silica (Silica-Amorphous) substance with a Community workplace exposure limit	<1%

• **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

• **4.1 Description of first aid measures**	
Product as SOLD	**Product at USE DILUTION**
• **General information:** No special measures required.	No special measures required.
• **After inhalation:** Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.
• **After skin contact:** Immediately rinse with water. If skin irritation continues, consult a doctor.	No known effect after skin contact. Rinse with water for a few minutes.
• **After eye contact:** Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Then consult a doctor.	No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.
• **After swallowing:** Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.	Get medical attention if symptoms occur.
• **4.2 Most important symptoms and effects, both acute and delayed** Cramp Nausea Thirst Coughing	No known effects.
• **Hazards** No further relevant information available.	No known effects.
• **4.3 Indication of any immediate medical attention and special treatment needed**	
Treat skin and mucous membrane with antihistamine and corticoid preparations. In cases of irritation to the lungs, initial treatment with cortical steroid inhalants. Medical supervision for at least 48 hours. If swallowed, gastric irrigation.	Treat symptomatically.

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5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
  CO_2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
  Wear self-contained respiratory protective device.
  Wear fully protective suit.
- **Additional information** No further relevant information available.

6 Accidental release measures

• **6.1 Personal precautions, protective equipment and emergency procedures**	
Product as SOLD	**Product at USE DILUTION**
Ensure adequate ventilation Product forms slippery surface when combined with water.	Use personal protective equipment as required.
• **6.2 Environmental precautions:**	
No special measures required.	Avoid contact of large amounts of spilled material and run off with soil and surface waterways.
• **6.3 Methods and material for containment and cleaning up:**	
Pick up mechanically. Send for recovery or disposal in suitable receptacles. Clean the affected area carefully; suitable cleaners are: Warm water	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.
• **6.4 Reference to other sections**	
See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7 Handling and storage

• **7.1 Precautions for safe handling**	
Product as SOLD	**Product at USE DILUTION**
Prevent formation of dust. Any unavoidable deposit of dust must be regularly removed.	No special measures required.
• **Information about fire - and explosion protection:**	
No special measures required.	No special measures required.
• **7.2 Conditions for safe storage, including any incompatibilities**	
• **Storage:**	
• **Requirements to be met by storerooms and receptacles:**	
Protect from humidity and water. Store in a cool location.	Keep out of reach of children.

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Product as SOLD	Product at USE DILUTION
• Information about storage in one common storage facility:	
Do not store together with acids. Store away from foodstuffs. Store away from oxidizing agents.	No storage precautions necessary.
• Further information about storage conditions:	
Store in cool, dry conditions in well sealed receptacles. Protect from humidity and water. Store in dry conditions. Keep container tightly sealed. Protect from freezing.	No storage precautions necessary.
• 7.3 Specific end use(s) No further relevant information available.	

8 Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.	
Product as SOLD	**Product at USE DILUTION**
• 8.1 Control parameters	
• Ingredients with limit values that require monitoring at the workplace:	
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. • **DNELs** No further relevant information available. • **PNECs** No further relevant information available. • **Additional information:** The lists valid during the making were used as basis.	
• 8.2 Exposure controls	
• Personal protective equipment:	
• General protective and hygienic measures:	
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.	Not required under normal conditions of use.
• Respiratory protection:	
Not required under normal conditions of use. Use suitable respiratory protective device in case of insufficient ventilation. Use suitable respiratory protective device when high concentrations are present.	A respirator is not required under normal and intended conditions of use.
• Protection of hands:	
Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.	No protective equipment is needed under normal conditions.

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Product as SOLD	Product at USE DILUTION
• Material of gloves	
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.	No protective equipment is needed under normal conditions.
• Penetration time of glove material	
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	No protective equipment is needed under normal conditions.
• Eye protection:	
Safety glasses	No protective equipment is needed under normal conditions.
• Body protection:	
Alkaline resistant protective clothing	No protective equipment is needed under normal conditions.
• Limitation and supervision of exposure into the environment	
No further relevant information available.	No further relevant information available.
• Risk management measures	
See Section 7 for additional information. No further relevant information available.	See Section 7 for additional information. No further relevant information available.

9 Physical and chemical properties

	Product as SOLD	Product at USE DILUTION
• 9.1 Information on basic physical and chemical properties		
• General Information		
• Appearance:		
Form:	Powder	Liquid
Color:	Yellow	colorless
• Odor:	Citrus	Citrus
• Odor threshold:	Not determined.	Not determined.
• pH-value at 20 °C:	Not applicable.	9.5 ± 0.5 at all label use-dilutions.
• Change in condition		
Melting point/Melting range:	Undetermined.	Not applicable.
Boiling point/Boiling range:	Undetermined.	100° C / 212° F
• Flash point:	Not applicable.	Not determined.
• Flammability (solid, gaseous):	Not determined.	Not applicable.
• Ignition temperature:	Not determined.	Not applicable.
• Decomposition temperature:	Not determined.	Not determined.

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	Product as SOLD	Product at USE DILUTION
• **Self-igniting:**	Product is not self-igniting.	Product is not self-igniting.
• **Danger of explosion:**	Product does not present an explosion hazard.	Product does not present an explosion hazard.
• **Explosion limits:** **Lower:** **Upper:**	 Not determined. Not determined.	 Not determined. Not determined.
• **Vapor pressure at 20 °C:**	23 hPa	Not determined.
• **Density at 20 °C:** • **Relative density** • **Vapor density** • **Evaporation rate**	1.14 g/cm³ Not determined. Not applicable. Not applicable.	1.00 g/cm³ Not determined. Not applicable. Not applicable
• **Solubility in / Miscibility with water:**	Soluble.	Complete
• **Partition coefficient (n-octanol/water):**	Not determined.	Not determined.
• **Viscosity:** **Dynamic:** **Kinematic:**	 Not applicable. Not applicable.	 Not determined. Not determined.
• **9.2 Other information**	No further relevant information available.	No further relevant information available.

10 Stability and reactivity

- **10.1 Reactivity** Not determined.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
  No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
  Reacts with acids.
  As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion.
  Reacts with strong oxidizing agents.
  Toxic fumes may be released if heated above the decomposition point.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Possible in traces.

11 Toxicological information

• **11.1 Information on toxicological effects**	
Product as SOLD	**Product at USE DILUTION**
• **Acute toxicity:**	Non-toxic at use-dilution.
• **Primary irritant effect:**	
• **on the skin:** Irritant to skin and mucous membranes.	No adverse effects due to skin contact are expected.
• **on the eye:** Strong irritant with the danger of severe eye injury.	Direct contact with eyes may cause temporary irritation.

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Product as SOLD	Product at USE DILUTION
• **Sensitization:** No sensitizing effects known.	No sensitizing effects known.
• **Additional toxicological information:**	
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:	
Irritant	Not classified No known significant effects or critical hazards.

12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxical effects:**
- **Remark:**
  After neutralization a reduction of the harming action may be recognized
  Due to mechanical actions of the product (e.g. agglutinations) damages may occur
- **Additional ecological information:**
- **General notes:**
  This statement was deduced from the properties of the single components.
  Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations

• **13.1 Waste treatment methods**	
Product as SOLD	**Product at USE DILUTION**
• **Recommendation**	
Smaller quantities can be disposed of with household waste. Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
• **Uncleaned packaging:**	
• **Recommendation:** Disposal must be made according to official regulations. • **Recommended cleansing agents:** Water, if necessary together with cleansing agents.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

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14 Transport information

Product as SOLD	
• 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA	N/A
• 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA	Cleaning Compounds, NOI, powder.
• 14.3 Transport hazard class(es) • DOT, ADR, ADN, IMDG, IATA • Class	N/A
• 14.4 Packing group • DOT, ADR, IMDG, IATA	N/A
• 14.5 Environmental hazards: • Marine pollutant:	No
• 14.6 Special precautions for user	Not applicable.
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
• UN "Model Regulation":	Cleaning Compounds, NOI, powder.
Product at USE DILUTION Not intended for transport.	

15 Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
• **United States (USA)**
• **SARA**

Product as SOLD	Product at USE DILUTION
• **Section 355 (extremely hazardous substances):**	
None of the ingredients is listed.	Not applicable.
• **Section 313 (Specific toxic chemical listings):**	
None of the ingredients is listed.	None of the ingredients is listed.
• **TSCA (Toxic Substances Control Act):**	
All ingredients are listed.	All ingredients are listed.

• **Proposition 65 (California):**

• **Chemicals known to cause cancer:**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Chemicals known to cause reproductive toxicity for females:**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Chemicals known to cause reproductive toxicity for males:**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Chemicals known to cause developmental toxicity:**	
None of the ingredients is listed.	None of the ingredients is listed.

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Product as SOLD			Product at USE DILUTION
• Carcinogenic Categories			
• EPA (Environmental Protection Agency)			
None of the ingredients is listed.			None of the ingredients is listed.
• IARC (International Agency for Research on Cancer)			
112926-00-8	Precipitated silica (Silica-Amorphous)	3	Not applicable.
• TLV (Threshold Limit Value established by ACGIH)			
None of the ingredients is listed.			None of the ingredients is listed.
• NIOSH-Ca (National Institute for Occupational Safety and Health)			
None of the ingredients is listed.			None of the ingredients is listed.
• OSHA-Ca (Occupational Safety & Health Administration)			
All ingredients are listed.			All ingredients are listed.
• Canada			
• Canadian Domestic Substances List (DSL)			
All ingredients are listed.			All ingredients are listed.
• Canadian Ingredient Disclosure list (limit 0.1%)			
None of the ingredients is listed.			None of the ingredients is listed.
• Canadian Ingredient Disclosure list (limit 1%)			
77-92-9	Citric Acid		Not applicable.
497-19-8	Sodium Carbonate		Not applicable.
6834-92-0	disodium metasilicate		Not applicable.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Relevant phrases

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
R34	Causes burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.

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Product as SOLD	Product at USE DILUTION
• **Hazardous Material Information System (U.S.A.)**	
Health 2 **Flammability** 0 **Physical hazards** 0	**Health** 0 **Flammability** 0 **Physical hazards** 0
4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant	**4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant**
• **NFPA ratings (scale 0 - 4)**	
Health = 2 Fire = 0 Reactivity = 0	Health = 0 Fire = 0 Reactivity = 0

MSDS File Name: GP90 Professional Supply GRIME GONE SDS
NSF Certified: C1, 7/27/04
EPA/DfE Recognized: Yes

• **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (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 Harmonized System of Classification and Labeling 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)
LD50: Lethal dose, 50 percent

• **Sources**
SDS Prepared by:
JBE/JER
Revision: 9/23/14

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