

Safety Data Sheet

acc. to OSHA HCS

Printing date 08/22/2018

Reviewed on 08/22/2018

1 Identification

- **Product identifier**
 - **Trade name:** PROGOLD
 - **Article number:** P-34
 - **Application of the substance / the mixture** Lustre
 - **Details of the supplier of the safety data sheet**
-
- **Manufacturer/Supplier:**
BAF Industries
8010 Dixie Highway
Florence, KY 41042 USA
Phone: 859-372-5900
 - **Information department:** msds_info@prowax.com
 - **Emergency Telephone Number:**
ChemTrec: 800-424-9300
Outside USA 703-527-3887

2 Hazard(s) identification

- **Classification of the substance or mixture**



Flammable liquid and vapor.

-
- **Label elements**
 - **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
 - **Hazard pictograms**



GHS02

- **Signal word** Warning
- **Hazard statements**
Flammable liquid and vapor.
- **Precautionary statements**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
In case of fire: Use for extinction: CO2, powder or water spray.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

| | | |
|------------|---|---------|
| 64742-88-7 | medium aliphatic hydrocarbon | 2.5-10% |
| 1332-58-7 | Kaolin | 2.5-10% |
| 64742-47-8 | Distillates (petroleum), hydrotreated light | 2.5-10% |
| | emulsifier detergent blend | ≤2.5% |

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
- **Reference to other sections**
No dangerous substances are released.
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

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.

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- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

1332-58-7 Kaolin

| | |
|-----|---|
| PEL | Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction |
| REL | Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction |
| TLV | Long-term value: 2* mg/m ³ E; as respirable fraction |

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**
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
- **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.
- **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.
- **Eye protection:**



Tightly sealed goggles

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9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

| | |
|-----------------|-----------------|
| Form: | Liquid |
| Color: | Orange |
| Odor: | Solvent-like |
| Odor threshold: | Not determined. |

- pH-value at 20 °C (68 °F): 8.5

- **Change in condition**

| | |
|------------------------------|-----------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 100 °C (212 °F) |

- Flash point: 42 °C (107.6 °F)

- Flammability (solid, gaseous): Not applicable.

- Ignition temperature: 210 °C (410 °F)

- Decomposition temperature: Not determined.

- Auto igniting: Product is not selfigniting.

- Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**

| | |
|--------|-----------|
| Lower: | 0.8 Vol % |
| Upper: | 6 Vol % |

- Vapor pressure at 20 °C (68 °F): 23 hPa (17.3 mm Hg)

- Density at 20 °C (68 °F): 0.9862 g/cm³ (8.2298 lbs/gal)

- Relative density: Not determined.

- Vapor density: Not determined.

- Evaporation rate: Not determined.

- **Solubility in / Miscibility with**

- Water: Fully miscible.

- Partition coefficient (n-octanol/water): Not determined.

- **Viscosity:**

| | |
|---------------------------|-----------------|
| Dynamic at 20 °C (68 °F): | 6,800 mPas |
| Kinematic: | Not determined. |

- **Solvent content:**

| | |
|-------------------|------------------------|
| Organic solvents: | 16.5 % |
| Water: | 65.2 % |
| VOC content: | 9.91 % |
| | 97.7 g/l / 0.82 lb/gal |

- Solids content: 13.6 %

- Other information: No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- **Possibility of hazardous reactions** No dangerous reactions known.

- **Conditions to avoid** No further relevant information available.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

64742-88-7 medium aliphatic hydrocarbon

| | | |
|------------|----------|--------------------|
| Oral | LD50 | >6,500 mg/kg (rat) |
| Dermal | LD50 | >3,000 mg/kg (rab) |
| Inhalative | LC50/4 h | >14 mg/l (rat) |

· Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

· Additional ecological information:

· General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packagings:

- **Recommendation:** Disposal must be made according to official regulations.

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· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· **UN-Number**· **DOT**

NA1993

· **ADR, IMDG, IATA**

UN1993

· **ADN**

Void

· **UN proper shipping name**· **DOT**

COMBUSTIBLE LIQUID, N.O.S (medium aliphatic hydrocarbon)

· **ADR**

1993 Flammable liquids, n.o.s.

· **ADN**

Void

· **IMDG**

FLAMMABLE LIQUID, N.O.S.

· **IATA**

FLAMMABLE LIQUID, N.O.S. (medium aliphatic hydrocarbon)

· **Transport hazard class(es)**· **DOT**· **Class**

3 Combustible liquids

· **Label**

3

· **ADR, ADN, IMDG**· **Class**

Void

· **IATA**· **Class**

3 Flammable liquids

· **Label**

3

· **Packing group**· **DOT, IATA**

III

· **ADR, IMDG**

Void

· **Environmental hazards:**· **Marine pollutant:**

No

· **Special precautions for user**

Not applicable.

· **EMS Number:**

F-E,S-E

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

· **Transport/Additional information:**· **DOT**

CONSUMER COMMODITY ORM-D

· **Quantity limitations**

On passenger aircraft/rail: 60 L

On cargo aircraft only: 220 L

· **UN "Model Regulation":**

Void

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15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

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| · Section 355 (extremely hazardous substances): |
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| None of the ingredients is listed. |
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| · Section 313 (Specific toxic chemical listings): |
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|---------|----------------|
| 52-51-7 | bronopol (INN) |
|---------|----------------|

| | |
|---------|----------|
| 67-56-1 | methanol |
|---------|----------|

- TSCA (Toxic Substances Control Act) All ingredients are listed

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|--|
| · TSCA new (21st Century Act) (Substances not listed) |
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| emulsifier |
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|-----------------|
| detergent blend |
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|-------------------------|
| · Proposition 65 |
|-------------------------|

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| · Chemicals known to cause cancer: |
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|------------------------------------|
| None of the ingredients is listed. |
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| · Chemicals known to cause reproductive toxicity for females: |
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| None of the ingredients is listed. |
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| · Chemicals known to cause reproductive toxicity for males: |
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| None of the ingredients is listed. |
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|---|
| · Chemicals known to cause developmental toxicity: |
|---|

| | |
|---------|----------|
| 67-56-1 | methanol |
|---------|----------|

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|----------------------------------|
| · Carcinogenic categories |
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| · EPA (Environmental Protection Agency) |
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| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

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|---|
| · TLV (Threshold Limit Value established by ACGIH) |
|---|

| | | |
|-----------|--------|----|
| 1332-58-7 | Kaolin | A4 |
|-----------|--------|----|

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|---|
| · NIOSH-Ca (National Institute for Occupational Safety and Health) |
|---|

| |
|------------------------------------|
| None of the ingredients is listed. |
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| · GHS label elements |
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| The product is classified and labeled according to the Globally Harmonized System (GHS). |
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| · Hazard pictograms |
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GHS02

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| · Signal word Warning |
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| · Hazard statements |
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|-----------------------------|
| Flammable liquid and vapor. |
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|-----------------------------------|
| · Precautionary statements |
|-----------------------------------|

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| Keep away from heat/sparks/open flames/hot surfaces. - No smoking. |
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| Keep container tightly closed. |
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| Ground/bond container and receiving equipment. |
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|--|
| Use explosion-proof electrical/ventilating/lighting/equipment. |
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|------------------------------|
| Use only non-sparking tools. |
|------------------------------|

| |
|---|
| Take precautionary measures against static discharge. |
|---|

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|--|
| Wear protective gloves/protective clothing/eye protection/face protection. |
|--|

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|---|
| If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
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| In case of fire: Use for extinction: CO2, powder or water spray. |
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*Store in a well-ventilated place. Keep cool.**Dispose of contents/container in accordance with local/regional/national/international regulations.*· **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.

· **Date of preparation / last revision** 08/22/2018 / 46· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 3: Flammable liquids – Category 3

· *** Data compared to the previous version altered.**

USA