

SDS Number: 901152

**1** PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD PFC  
Revision Date: 01/21/2016  
SDS Number: 901152  
Common Name: Cleaning compound  
CAS Number: Blend  
Product Code: 901152  
Synonyms: Detergent, cleaner

**Company Identification:**

*Manufactured for:*  
LYDEN OIL COMPANY  
3711 LeHarps Drive  
Youngstown, OH 44515

For Product Information: 1-330-792-1100  
For Emergencies: 1-800-424-9300  
CHEMTREC: 1-800-424-9300 or 1-703-527-3887

**2** HAZARDS IDENTIFICATION



Signal Word:

**DANGER**

Hazard Classes/Categories:

Acute toxicity, Inhalation category 4.  
Skin corrosive, Category 1A.  
Serious eye damage, Category 1.  
Specific target organ toxicity – single exposure, Category 2.

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Hazard Statement(s):

H314: Causes severe skin burns and eye damage.  
H318: Causes serious eye damage.  
H332: Harmful if inhaled.  
H371: May cause damage to organs.

Precaution Statement(s):

P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.  
P260: Do not breathe dust/fumes/gas/mist/vapors/spray.  
P264: Wash skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P363: Wash contaminated clothing before reuse.  
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.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P405: Store locked up.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazard Statement(s):

-NFPA Ratings:  
Health = 2  
Fire = 0  
Reactivity = 0

**3** COMPOSITION / INFORMATION ON INGREDIENTSIngredients:

*Mixture of the substances listed below with nonhazardous additions.*

Chemical Name	CAS Number	Percentage
Sodium metasilicate	6834-92-0	40-50
Proprietary	N/A	20-30

*\*Any concentration shown as a range is to protect confidentiality or is due to batch variation.*

**4** FIRST AID MEASURESDescription of First Aid Measures:

## Inhalation:

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

## Skin Contact:

Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash clothing separately and clean shoes before reuse

## Eye Contact:

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

## Ingestion:

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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Symptoms and Effects, both acute and delayed:

No further relevant data available.

Recommended Actions:

Treat symptomatically. Call a doctor or poison control center for guidance.

**5** FIRE FIGHTING MEASURES

Recommended Fire-Extinguishing Equipment:

Use water, dry powder, foam, or carbon dioxide fire extinguishers.

Possible Hazards During a Fire:

None known.

Recommendations to Firefighters:

Proper protective equipment including breathing apparatus.

**6** ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid eye contact. Avoid repeated or prolonged skin contact.  
Personal protective equipment must be worn.  
Avoid contact with skin, eyes or clothing.

Emergency Procedures:

Contain spilled material, collect in suitable and properly labeled containers.

Environmental Precautions:

Do not allow to reach sewage system or any water course.  
Do not allow to enter ground waters.

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Cleanup Procedures:

Collect and pickup spilled solids.  
Ensure adequate ventilation.

**7** HANDLING AND STORAGE

Handling Precautions:

Use with adequate ventilation. Avoid breathing dusts, mists, and vapors. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

Storage Requirements:

Keep container tightly sealed and stored in a dry, cool place.  
Keep away from sources of ignition.

**8** EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment:

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 eyes and skin.  
Use safety glasses and gloves.

**9** PHYSICAL AND CHEMICAL PROPERTIES

Color:	Off-White
Physical State:	Solid
Odor:	Data not available
Odor Threshold:	Data not available
pH:	11.8 (1% solution in water)
Melting Point:	Decomposes
Boiling Point:	Data not available
Boiling Range:	Data not available
Flash Point:	Data not available
Evaporation Rate:	Data not available
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	Data not available
Solubilities:	Soluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	Data not available

**10** STABILITY AND REACTIVITY

<u>Stability:</u>	Stable under normal conditions.
<u>Reactivity:</u>	Not reactive under normal conditions.
<u>Conditions to Avoid:</u>	Moisture in storage conditions.
<u>Hazardous Reactions:</u>	No known hazardous reactions.
<u>Incompatible Materials:</u>	Acids, ammonium salts, reactive metals and some organics.

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Decomposition Products:

Hazardous decomposition products are not expected to form.

**11** TOXICOLOGICAL INFORMATION

Routes of Exposure:

Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Exposure Effects:

-Emergency Overview:  
Corrosive to eyes and skin. Harmful if swallowed. Inhalation may cause damage to the upper respiratory tract.  
-Health Effects:  
Direct contact with eyes can cause severe burns. Contact with the skin may cause severe irritation and burns. Inhalation of dusts can cause irritation and burns to the respiratory tract. If swallowed, may produce corrosive damage to the gastrointestinal tract.

Measures of Toxicity:

-Mixture Toxicity:  
Oral Toxicity LD50: 1,285mg/kg  
Inhalation Toxicity LC50: 10mg/L

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

**12** ECOLOGICAL INFORMATION

Ecological Precautions:

Avoid exposing to the environment.

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Ecological Effects:

## Component Ecotoxicity:

-Sodium metasilicate: 96 Hr LC50 Brachydanio rerio: 210 mg/L [semi-static]; 96 Hr LC50 Brachydanio rerio: 210 mg/L

-Proprietary Ingredients: 96 Hr LC50 Lepomis macrochirus: 300 mg/L [static]; 96 Hr LC50 Pimephales promelas: 310 - 1220 mg/L [static] 48 Hr EC50 Daphnia magna: 265 mg/L

**13** DISPOSAL CONSIDERATIONSDisposal Methods:

Dispose of waste material in accordance with all local, state, and federal requirements.

Disposal Containers:

Use properly approved container for disposal.

Special Precautions:

Do not flush to surface waters or drains. High levels of surfactants and increased pH levels are harmful to aquatic life.

**14** TRANSPORT INFORMATION

UN Number: Data not available

UN Shipping Name: Data not available

Transport Hazard Class: Data not available

Packing Group: Data not available

Environmental Hazards:

Data not available

Bulk Transport Guidance:

Data not available



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Special Precautions:

Not regulated by DOT.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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This material and all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act.

<b>16</b>	<b>OTHER INFORMATION</b>
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Last Revision Date: 01/21/2016

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