

PROGUARD R36 VP

SDS Number: PGR36VP

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD R36 VP
Revision Date: 12/04/2017
SDS Number: PGR36VP
Common Name: Industrial Cleaner
CAS Number: Blend
Product Code: PGR36VP
Synonyms: Cleaner/Degreaser

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:

Skin corrosive, Category 2.
Serious eye damage, Category 1.

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Hazard Statement(s):

H315: Causes skin irritation.
 H318: Causes serious eye damage.

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.
 P264: Wash skin thoroughly after handling.
 P280: Wear protective gloves, protective clothing and eye protection or face protection.
 P302 + P352: IF ON SKIN: wash with plenty of soap and water.
 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 or doctor/physician.
 P332 + P313: IF SKIN irritation occurs: Get medical attention.
 P362 + P364: Take off contaminated clothing and wash before reuse

Other Hazard Statement(s):

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

3	COMPOSITION / INFORMATION ON INGREDIENTS
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Ingredients:

Mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS Number	Percentage
alkylphenol ethoxylate	9016-45-9	1-5
2-butoxyethanol	111-76-2	1-5
Sodium Hydroxide	1310-73-2	1-5
coco ammonium chloride ethoxylate	61791-10-4	1-5

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

4 FIRST AID MEASURES

Description of First Aid Measures:

Inhalation:

Move to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulty occurs or persists seek medical attention. If not breathing give artificial respiration and seek immediate medical attention.

Skin Contact:

Immediately flush exposed skin with water for at least 15 minutes while removing contaminated clothing and/or shoes. Thoroughly wash with soap and water. Seek medical attention if irritation develops or persists.

Eye Contact:

Immediately flush eyes with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. Check for and remove any contact lenses if easy to do. Seek immediate medical attention.

Ingestion:

Rinse mouth with water. Do not induce vomiting. Seek medical attention if symptoms develop.

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.

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Possible Hazards During a Fire:

In fire conditions after water loss, combustion may produce carbon monoxide, carbon dioxide and other unidentified combustion products.

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.

Cleanup Procedures:

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

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.

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Storage Requirements:

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

8 EXPOSURE CONTROLS / PERSONAL PROTECTIONExposure Limits:

-2-butoxyethanol:

ACGIH TLV: 20 ppm, 8 hours (all forms)

OSHA PEL TWA: 240 mg/m³ 8 hours (skin); TWA: 50 ppm, 8 hours (Skin)

-Sodium Hydroxide:

OSHA PEL TWA: 2mg/m³

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:	Yellow
Physical State:	Liquid
Odor:	Citrus / Ether like
Odor Threshold:	Data not available
pH:	13
Melting Point:	Data not available
Boiling Point:	Data not available

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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:	1.03-1.06
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 REACTIVITYStability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

None known.

Hazardous Reactions:

No known hazardous reactions.

Incompatible Materials:

Strong oxidizers and acids.

Decomposition Products:

Oxides of carbon.

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:

Skin:

Prolonged or repeated contact with strong forms will cause severe burns and defatting of skin.

Eye:

Produces rapid serious eye irritation and possible damage.

Ingestion:

Harmful to mucous membranes, mouth, throat and stomach.

Inhalation:

Concentrated mists cause respiratory discomfort, cough or dizziness.

Measures of Toxicity:

-2-butoxyethanol:

Oral: LD50 (rat): 470 mg/kg

Dermal: LD50 (rabbit): 220 mg/kg

Inhalation: LC50 (rat): 450 mg/L, 4 hours

-Sodium Hydroxide:

Oral: LD50 (rat): 214 mg/kg

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

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12 ECOLOGICAL INFORMATION

Ecological Precautions:

Avoid exposing to the environment.

Ecological Effects:

No specific environmental or aquatic data available.

13 DISPOSAL CONSIDERATIONS

Disposal 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

Special Precautions:

Not regulated by DOT.



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15 REGULATORY INFORMATION

This material and all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act.

16 OTHER INFORMATION

Last Revision Date: 12/04/2017

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