

SDS Number: 901151

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD RS-100
Revision Date: 01/15/2016
SDS Number: 901151
Common Name: Water Based Detergent
CAS Number: Blend
Product Code: 901151
Synonyms: Detergent, cleaner

Company Identification:

Manufactured for:
LYDEN OIL COMPANY
3711 LeHarps Road
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:

WARNING

Hazard Classes/Categories:

Skin irritant, Category 2.
Serious eye irritation, Category 2A.
Acute toxicity, Oral category 4.
Carcinogen, Category 2.

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Hazard Statement(s):

H302: Harmful if swallowed.
H316: Causes mild skin irritation.
H319: Causes serious eye irritation.
H351: Suspected of causing cancer.

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.
P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective gloves/protective clothing.
P270: Do not eat, drink or smoke when using this product.
P302+352: IF ON SKIN: Wash with plenty of water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P337+313: If eye irritation persists get medical advice/attention.

Other Hazard Statement(s):

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

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

Mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS Number	Percentage
Coconut Diethanolamide	68603-42-9	<15
Isopropyl Alcohol	67-63-0	1-5
Diethanolamide	111-42-2	1-5

**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:

If symptoms develop, move victim to fresh air and keep in a position comfortable for breathing. If symptoms persist, obtain medical attention.

Skin Contact:

Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

Eye Contact:

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult medical attention.

Ingestion:

Rinse mouth with water and drink plenty of water to dilute. Do NOT induce vomiting. If symptoms develop, obtain medical attention.

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 MEASURESRecommended Fire-Extinguishing Equipment:

Use dry powder, foam, or carbon dioxide fire extinguishers. Do NOT use water jet.

Possible Hazards During a Fire:

None known.

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Recommendations to Firefighters:

This product will not burn. Treat area as for surrounding fire. Wear self-contained breathing apparatus pressure demand and full protective gear.

6 ACCIDENTAL RELEASE MEASURESPersonal 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).
Ensure adequate ventilation.

7 HANDLING AND STORAGEHandling Precautions:

Handle with care and avoid spillage on the floor.

Storage Requirements:

Keep container tightly sealed and stored in a dry, cool place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTIONExposure Limits:

-111-42-2 Diethanolamide (1-5%):

ACGIH TWA: 1 mg/m³NIOSH TWA: 15 mg/m³

-67-63-0 Isopropanol (1-5%):

OSHA PEL TWA: 500 ppm

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:	Light Yellow
Physical State:	Liquid
Odor:	Alcohol like
Odor Threshold:	Data not available
pH:	7 to 9
Melting Point:	<32° F
Boiling Point:	>212° F
Boiling Range:	Data not available
Flash Point:	>180° F
Evaporation Rate:	Data not available
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	Data not available

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Vapor Density:	Data not available
Relative Density:	1.00-1.02
Solubilities:	Completely miscible 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, acids, and bases.

Decomposition Products:

Hazardous decomposition products are not expected to form.

11 TOXICOLOGICAL INFORMATIONRoutes of Exposure:

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

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Exposure Effects:

Skin:

Prolonged or repeated contact with strong forms may remove natural oils leading to dryness or rash.

Eye:

Produces serious but temporary eye irritation.

Ingestion:

May be harmful to mucous membranes, mouth, throat and stomach.

Inhalation:

Concentrated mists may cause discomfort.

Measures of Toxicity:

No test data available.

Carcinogenic/Mutagenic Precautions:

Diethanolamide: Carcinogenic category 2B (IARC).

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.

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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.

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: 01/15/2016

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