

### ESGARD PL-5.1 QPL MIL-PRF-16173E CLASS I GRADE 5

## 1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: ESGARD PL-5.1 QPL MIL-PRF-16173E CLASS I GRADE 5  
SDS Number: ESGARD PL-5.1 V.8  
Product Code: N/A  
Revision Date: 09/11/2025  
Version: 7  
CAS Number: 64742-52-5; 68783-96-0; 61789-86-4; 64742-88-7  
Chemical Formula: \*\*\* PROPRIETARY \*\*\*  
Product Use: RUST INHIBITIVE COATING

Supplier Details: ESGARD  
515 DEBONNAIRE ROAD  
SCOTT, LOUISIANA 70583  
Contact: ROBERT SAWVEL (PRESIDENT)  
Phone: 337-234-6327  
Fax: 337-234-0113  
Email: ROBERT@ESGARD.COM  
Web: HTTPS://WWW.ESGARD.COM

Vendor Details: ESGARD  
515 DEBONNAIRE ROAD  
SCOTT, LOUISIANA 70583  
Contact: RUSSELL BREAU (SALES)  
Phone: 337-234-6327  
Fax: 337-234-0113  
Email: RUSSELL@ESGARD.COM  
Web: HTTPS://WWW.ESGARD.COM

HAZMAT & 24 HOUR CONTACT INFORMATION  
CHEMTEL, INC. CONTRACT # MIS2625782  
TOLL FREE & IN-COUNTRY NUMBERS  
1-800-255-3924 U.S., CANADA, PUERTO RICO, & U.S. VIRGIN ISLANDS  
1-813-248-0585 INTERNATIONAL (OUTSIDE OF U.S., CANADA, PUERTO RICO, & U.S. VIRGIN ISLANDS)  
1-300-954-583 AUSTRALIA  
0-800-591-6042 BRAZIL  
400-120-0751 CHINA  
000-800-100-4086 INDIA  
01-800-099-0731 MEXICO

## 2 HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin sensitization, 1  
Physical, Flammable Liquids, 2

### GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



**GHS Hazard Statements:**

H317 - May cause an allergic skin reaction

H225 - Highly flammable liquid and vapor

**GHS Precautionary Statements:**

P102 - Keep out of reach of children.

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking

P404 - Store in a closed container.

P411 - Store at temperatures not exceeding 100°F (35° C)

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS****Inhalation:**

Significant levels of vapor not likely to occur with normal use of product.

**Eye Contact:**

May cause irritation.

**Ingestion:**

No information available.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

## Chemical Ingredients

CAS#	%	Chemical Name
64742-52-5	30-60%	Mineral Oil, Petroleum Distillates, Hydrotreated (mild) Heavy Naphthenic
64742-88-7	20-40%	Solvent naphtha, petroleum, medium aliph.
68783-96-0	01-5%	Sulfonic acids, petroleum, calcium salts, overbased
61789-86-4	10-20%	Sulfonic acids, petroleum, calcium salts

**4 FIRST AID MEASURES****Inhalation:**

Not a direct hazard if product is applied as recommended and used for intended purposes. If respiratory symptoms should develop move personnel away from source of exposure and into fresh air. If symptoms persist seek medical attention.

**Skin Contact:**

Wipe excess material from skin with a cloth. Wash contaminated area of skin with a waterless skin cleanser once all product is removed wash with soap and water. Should a waterless skin cleanser not be available wash skin for a minimum of 15 minutes with soap and water.

**Eye Contact:**

Flush with large amounts of water for a minimum of 15 minutes. If irritation persists seek medical attention.

**Ingestion:**

Not a direct hazard if product is applied as recommended and used for intended purposes. If ingestion should occur seek medical attention.

**5 FIRE FIGHTING MEASURES****Flammability:**

Combustible

**Flash Point:**

120° F (48.9° C) PMCC

**Flash Point Method:**

Pensky-Martens Closed Cup Test

**Extinguishing Media:** Extinguish with dry chemical, CO<sub>2</sub>, water spray, foam, sand, and/or earth. Water and foam may cause frothing.

**Special Considerations:** Fire fighters should enter area wearing positive pressure respiratory protection.

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## ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** No action should be taken that may involve personal risk. In the event of a spill immediately contact upper management for final instructions. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled materials. No smoking. Shut off and keep spilled product a all possible ignition sources. Avoid breathing and vapor or mist that may be produced. Ensure proper ventilation. Don appropriate personal protective equipment before proceeding with any cleanup (See section 8).

**Environmental Precautions:** Avoid dispersal of spilled material and runoff from contacting soil, waterways, drains, and sewers. Inform all relevant authorities if the product has caused environmental pollution to sewers, water soil, air, etc.

**Spill containment and clean up:** Consult with management or proper authority to determine if cleanup may be conducted safely. Avoid the use of any high powered or jet water stream that may spread the product. After donning proper personal protective equipment (See section 8) transfer bulk of material into another container. Dilute with water and mop up if product is water-soluble if not absorb any remaining residue with proper absorbents such as earth or vermiculite. Do not use any combustible material as an absorbent. Sweep up and dispose of as solid waste in accordance with applicable federal, state, and local regulations. Contact a certified/licensed waste disposal company for proper disposal of waste. Absorbent material may pose the same hazard (if any) as the spilled product.

See Section 1 for emergency contact information and Section 13 for waste disposal.

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## HANDLING AND STORAGE

### Handling Precautions:

Avoid contact with skin and eyes. Observe good standards of industrial hygiene. Keep away from sources of ignition.

### Storage Requirements:

Storage Temperature: 0-100°F ( -18 -35° C )

Storage Precautions: Keep in closed containers away from heat, sparks, and flames.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Provide forced air ventilation when applying in confined spaces.

### Personal Protective Equipment:

HMIS PP, C | Safety Glasses, Gloves, Apron

Respiratory Protection: Unlikely to be necessary. Use approved chemical filter respirator.

Eyes: Use of safety glasses or chemical eye goggles is suggested.

Hands: Use of non-natural and non-butyl rubber gloves is recommended.

Skin: Use protective clothing. Use of pants, long sleeve shirt, and apron recommended when applying product

**Exposure Limits:** Not determined.

Always practice good hygiene. Remember chemicals can transfer from your hands to things that may cause ingestion of product, e.g., food, cigarettes, etc. Always wash hands and skin thoroughly after coming into contact with product even if proper personal protective equipment was used.

Physical State:	Liquid
Appearance:	Amber
Odor:	Mild Odor
Freezing/Melting Pt.:	Not determined
Boiling Point:	> 300°F (148°C)
UEL / LEL:	No data
Flash Point:	120°F (48.9°C) PMCC
Auto-Ignition Temp:	No data
Decomp Temp:	No data
pH:	7.5
Viscosity:	No data
Solubility:	Not water soluble
Partition Coefficient:	No data
Vapor Pressure:	Not determined
Spec Grav./Density:	(25°C): 0.87
Vapor Density:	No data
Odor Threshold:	No data
VOC:	365 gr/l (3.05 lbs/gal)
Evap. Rate:	No data
Volume Solids:	54%

**Chemical Stability:**

Product is stable under normal conditions.

**Conditions to Avoid:**

Exposed flames; high temperature sources; strong oxidizers

**Materials to Avoid:**

Strong Oxidizing Agents.

**Hazardous Decomposition:**

Combustion can produce a variety of compounds including oxides of sulfur, oxides of carbon, water vapor, and unidentified organic and inorganic compounds - some of which may be toxic.

**Hazardous Polymerization:**

Will not occur.

LD50 (Animal/Oral): No data available

**Possible Health Effects:**

Eyes - Mildly irritating

Skin - Prolonged contact may cause skin irritation

Inhalation - Product is unlikely to present any significant hazard during normal of product use at ambient temperature. Should product be sprayed and inhaled due to the lack of personal protective gear or proper ventilation pulmonary abnormalities could occur.

Ingestion - Ingestion of this product is not a health hazard likely to arise when using and applying product correctly and for intended use.

No data available

UN1139, Coating solution, 3, PGIII

**Shipping Information:** Coating Solution, Flammable Liquid, Class 55 (Shipping Class)  
**Export Code:** 3208.90.0000

Component (CAS#) [%] - CODES

Mineral Oil, Petroleum Distillates, Hydrotreated (mild) Heavy Naphthenic (64742-52-5) [30-60%] NJHS, TSCA

Solvent naphtha, petroleum, medium aliph. (64742-88-7) [20-40%] TSCA

Sulfonic acids, petroleum, calcium salts, overbased (68783-96-0) [01-5%] TSCA

Sulfonic acids, petroleum, calcium salts (61789-86-4) [10-20%] TSCA

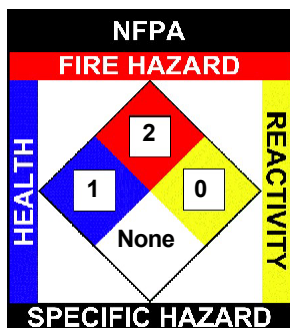
This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory CODE Descriptions

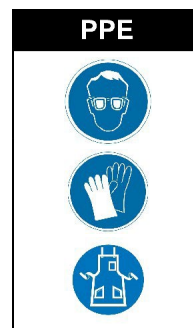
NJHS = NJ Right-to-Know Hazardous Substances

TSCA = Toxic Substances Control Act

**NFPA:** Health = 1, Fire = 2, Reactivity = 0, Specific Hazard = None  
**HMIS III:** Health = 1, Fire = 2, Physical Hazard = 0  
**HMIS PPE:** C - Safety Glasses, Gloves, Apron



HMIS	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C



Qualified & approved: MIL-PRF-16173E CLASS I GRADE 5

**General Safety:** Anyone can fall into a container and drown - drowning can occur in a very small amount of water or product that covers the mouth and/or nose. Keep product out of reach of children and dispose of container properly (as discussed in section 13) when empty or there is no longer a need for the use of this product.

Do not mix with other chemicals

This data sheet does not constitute as an assessment of the workplace risks as required under the provisions of the Health & Safety at Work Act and the Control of Substances Hazardous to Health. (COSHH)

#### Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

All information contained within this data sheet is not claiming characteristics of the product in term of legal claims of performance / guarantee.

All information contained within this data sheet only describes safety measures and no liability may arise from the use or application of the product described herein.

All information contained within this data sheet is given in good faith and based on our current knowledge of the product.

**Author: Naomi Tauzin**

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