

# SAFETY DATA SHEET

## Rust Inhibitor 938- Aerosol

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Printed: 06/20/2016

Revision: 09/09/2015

Supersedes Revision: 06/04/2014

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** 120303-A-GHS  
**Product Name:** Rust Inhibitor 938- Aerosol  
**Reference #:** LAB 938  
**Company Name:** Excelda Manufacturing  
12785 Emerson Dr.  
Brighton, MI 48116  
**Phone Number:** (248)486-3800  
**Emergency Contact:** MEDICAL EMERGENCY (888)314-4052  
DOT EMERGENCY (800)424-9300  
**Information:** INFORMATION (248)486-3800

### 2. HAZARDS IDENTIFICATION

Flammable Gases, Category 1  
Gas Under Pressure, Compressed gas  
Gas Under Pressure, Liquefied gas  
Skin Corrosion/Irritation, Category 3  
Serious Eye Damage/Eye Irritation, Category 1  
Skin Sensitization, Category 1  
Germ Cell Mutagenicity, Category 1B  
Carcinogenicity, Category 1B  
Aspiration Toxicity, Category 1  
Aquatic Toxicity (Chronic), Category 3



**GHS Signal Word:** Danger

**GHS Hazard Phrases:**

H220: Extremely flammable gas.  
H280: Containers gas under pressure; may explode if heated.  
H304: May be fatal if swallowed and enters airways.  
H316: Causes mild skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H340: May cause genetic defects {state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard}.  
H350: May cause cancer {state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard}.  
H412: Harmful to aquatic life with long lasting effects.

**GHS Precaution Phrases:**

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking.  
P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.  
P281: Use personal protective equipment as required.

**GHS Response Phrases:**

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302+352: IF ON SKIN: Wash with plenty of soap and 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.

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P308+313: IF exposed or concerned: Get medical attention/advice.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P321: Specific treatment {see ... on this label}.  
P331: Do NOT induce vomiting.  
P332+313: If skin irritation occurs, get medical advice/attention.  
P333+313: If skin irritation or rash occurs, seek medical advice/attention.  
P363: Wash contaminated clothing before reuse.  
P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely.  
P381: Eliminate all ignition sources if safe to do so.

### GHS Storage and Disposal Phrases:

P403: Store in well-ventilated place.  
P405: Store locked up.  
P410+403: Protect from sunlight and store in well-ventilated place.  
P501: Dispose of contents/container to {...}.

### Potential Health Effects (Acute and Chronic):

Eyes: Direct contact may cause mild irritation.

Inhalation: Vapor and/or mist may irritate respiratory tract. Overexposure by inhalation may cause drowsiness, dizziness, confusion or loss of coordination. In rare cases, prolonged exposure can cause pulmonary disease such as chronic lung inflammation.

Skin: May cause mild irritation. Repeated or prolonged contact may cause defatting and drying of the skin which may result in skin irritation and dermatitis.

Ingestion: Gastrointestinal discomfort may develop followed by vomiting. This product has some laxative properties and may result in abdominal cramps and diarrhea.

Potential Aspiration Hazard: While this product is not considered an aspiration hazard as packaged, it does contain petroleum distillates which may pose an aspiration hazard. This hazard will increase if the product becomes stratified or the distillate otherwise separate. Aspiration of the petroleum distillate components of this product while vomiting may injure lungs seriously. Aspiration may be characterized by pulmonary edema and hemorrhage and may be fatal.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Chemical Name	Concentration	RTECS #	Molecular Formula
68037-01-4	1-Decene, homopolymer, hydrogenated	40.0 -60.0 %	NA	[CH2CH[(CH2)7CH3]]n
64742-47-8	Hydrotreated light distillate (petroleum)	12.5 -25.0 %	OA5504000	?
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	10.0 -20.0 %	PY8035000	?
75-37-6	1,1-Difluoroethane	10.0 -15.0 %	KI1410000	C2H4F2
68476-86-8	Liquified petroleum gas, sweetened	5.0 -10.0 %	NA	NA
57855-77-3	Naphthalenesulfonic acid, dinonyl-, calcium salt	0.25 -2.5 %	NA	C28H44O3S.1/2Ca
4259-15-8	Zinc, bisO,O-bis(2-ethylhexyl)phosphorodithioato-S,S', (T-4)-	1.0 -5.0 %	ZH0900000	C32H68O4P2S4Zn

### Additional Chemical Information

#### 4. FIRST AID MEASURES

**Emergency and First Aid Procedures:**

Eyes: Immediately flush with large quantities of lukewarm water until the irritation subsides, but at least for 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Remove contacts, if present, after the first few minutes of rinsing then continue flushing eyes with water.

Skin: Remove contaminated clothing. Remove the oil residue using industrial grade hand cleaner. Wash the skin using plenty of mild non-abrasive soap and warm water for at least 15 minutes. Do not use cold water. Wash contaminated clothing and decontaminate footwear before reuse.

Inhalation: Remove victim to fresh air. If not breathing, clear airway and give artificial respiration, preferably mouth-to-mouth. If breathing is labored, give oxygen.

Ingestion: Rinse mouth thoroughly with water. If victim is fully conscious, give large quantities of water. Do not give anything by mouth to an unconscious or convulsing person. DO NOT INDUCE VOMITING. If vomiting occurs, prevent aspiration of vomit into lungs. Obtain medical assistance immediately.

In all cases, seek medical attention if any symptoms develop or persist.

**Signs and Symptoms Of Exposure:**

Possible irritation and/or redness of skin and eyes, respiratory tract irritation, drowsiness, dizziness, confusion, loss of coordination, defatting and drying of skin, dermatitis, shortness of breath, cough, gastrointestinal discomfort, vomiting, abdominal cramps, diarrhea, lung injury or disease.

#### 5. FIRE FIGHTING MEASURES

**Flash Pt:** < 20.00 F (-6.7 C) Method Used: Estimate

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** On large fires use dry chemical, alcohol resistant foam or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

**Fire Fighting Instructions:** As with all fires involving chemicals, responders should wear full bunker gear including a self-contained breathing apparatus. Cool containers to keep them from bursting, and remove from high heat areas if possible. Do not direct a solid stream of water at pools of released liquid that are burning since it may cause spattering of the burning liquid.

**Flammable Properties and Hazards:** Containers are under pressure, and may rupture when exposed to heat releasing a highly flammable gaseous product. When released, the gaseous component are expected to be above their individual flashpoints and pose an immediate fire/explosion hazard. While the liquid component has a flashpoint above 200 F it is considered a fire/explosion risk due to bound gaseous materials.

When the liquid component of this product is mixed with water frothing may occur.

## 6. ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Ventilate the area. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal.

As the gaseous components pose the greatest risk, if possible clean-up activities should not be conducted until they have been dispersed by ventilation.

## 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Use with adequate ventilation. Avoid eye and skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not use in high heat areas or near sources of ignition. Do not take internally.

Containers are under pressure. Do not puncture or incinerate containers or expose them to sources of heat or ignition.

**Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area. Keep away from direct sunlight, high heat, sparks or open flame. Do not store near incompatible materials (such as oxidizers). Do not store above 120 F (49 C).

**Other Precautions:** Avoid repeated or prolonged contact with the skin.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68037-01-4	1-Decene, homopolymer, hydrogenated	No data.	No data.	No data.
64742-47-8	Hydrotreated light distillate (petroleum)	No data.	TLV: 200 mg/m3	No data.
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No data.	No data.	No data.
75-37-6	1,1-Difluoroethane	No data.	No data.	No data.
68476-86-8	Liquified petroleum gas, sweetened	No data.	No data.	No data.
57855-77-3	Naphthalenesulfonic acid, dinonyl-, calcium salt	No data.	No data.	No data.
4259-15-8	Zinc, bisO,O-bis(2-ethylhexyl)phosphorodithi oato-S,S', (T-4)-	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** General and local exhaust ventilation is recommended to maintain vapors and mists below recommended limits. Where concentrations are above recommended limits or are unknown, use a NIOSH/MSHA approved organic vapor canister respirator.

**Eye Protection:** Wear anti-splash chemical goggles with side shields or wear a full face shield where splashing and misting occurs. Contact lenses should not be worn around organic solvents.

**Protective Gloves:** Chemical protective gloves are recommended.

**Other Protective Clothing:** No data available.

**Engineering Controls (Ventilation etc.):** Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

**Work/Hygienic/Maintenance Practices:** When using do not eat, drink or smoke. Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday. Wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical States:**  Gas  Liquid  Solid

**Appearance and Odor:** Aerosol products are a mixture of a gaseous component and a liquid component.

Gaseous component of this product has a petroleum distillate odor.

Liquid component of this product is a cloudy yellow to amber liquid fluid with a slight hydrocarbon odor.

Unless noted below, all other information in Section 9 pertains to the liquid product:  
VOC percentage

**Melting Point:** No data.

**Boiling Point:** No data.

**Autoignition Pt:** No data.

**Flash Pt:** < 20.00 F (-6.7 C) Method Used: Estimate

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** 0.8470 - 0.89 at 78.0 F (25.6 C)

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Evaporation Rate:** No data.

**Solubility in Water:** No data.

**Viscosity:** < 23 CPS at 78.0 F (25.6 C)

**Percent Volatile:** No data.

**VOC / Volume:** < 25.0000 WT%

**10. STABILITY AND REACTIVITY**

**Stability:** Unstable  Stable

**Conditions To Avoid - Instability:** Direct sparks and open flames, high heat, direct sunlight.

**Incompatibility - Materials To Avoid:** Oxidizing materials.

**Hazardous Decomposition or Byproducts:** Thermal decomposition of this product during fire or high heat conditions may produce oxides of carbon, traces of incompletely burned carbon compounds, metal oxides, sulfur oxides or formaldehyde.

**Possibility of Hazardous Reactions:** Will occur  Will not occur

**Conditions To Avoid - Hazardous Reactions:** Not known to occur.

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### 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** No data available.

CAS #	Chemical Name	NTP	IARC	ACGIH	OSHA
68037-01-4	1-Decene, homopolymer, hydrogenated	n.a.	n.a.	n.a.	n.a.
64742-47-8	Hydrotreated light distillate (petroleum)	n.a.	n.a.	A4	n.a.
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	n.a.	n.a.	n.a.	n.a.
75-37-6	1,1-Difluoroethane	n.a.	n.a.	n.a.	n.a.
68476-86-8	Liquified petroleum gas, sweetened	n.a.	n.a.	n.a.	n.a.
57855-77-3	Naphthalenesulfonic acid, dinonyl-, calcium salt	n.a.	n.a.	n.a.	n.a.
4259-15-8	Zinc, bisO,O-bis(2-ethylhexyl)phosphorodithioato-S,S'-, (T-4)-	n.a.	n.a.	n.a.	n.a.

### 12. ECOLOGICAL INFORMATION

No data available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Always dispose of in accordance with all Federal, State, Provincial and local laws and regulations.

As packaged this product displays the EPA hazardous characteristic of "ignitable".

### 14. TRANSPORT INFORMATION

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Aerosols, flammable  
**DOT Hazard Class:** 2.1 FLAMMABLE GAS  
**UN/NA Number:** UN1950



**Additional Transport Information:** This product may be reclassified according to 49 CRF 173.306.

The information contained in Section 14 pertains to the material when shipped in containers less than 1 Litre. If the material is shipped in containers greater than 1 Litre other regulations may apply.

### 15. REGULATORY INFORMATION

#### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Chemical Name	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68037-01-4	1-Decene, homopolymer, hydrogenated	No	No	No
64742-47-8	Hydrotreated light distillate (petroleum)	No	No	No
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No	No	No
75-37-6	1,1-Difluoroethane	No	No	No
68476-86-8	Liquified petroleum gas, sweetened	No	No	No
57855-77-3	Naphthalenesulfonic acid, dinonyl-, calcium salt	No	No	No

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## Rust Inhibitor 938- Aerosol

4259-15-8	Zinc, bisO,O-bis(2-ethylhexyl)phosphorodithioato-S,S'-, (T-4)-	No	No	Yes-Cat. N982
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**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Chemical Name	Other US EPA or State Lists
68037-01-4	1-Decene, homopolymer, hydrogenated	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
64742-47-8	Hydrotreated light distillate (petroleum)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
75-37-6	1,1-Difluoroethane	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; CA PROP.65: No
68476-86-8	Liquified petroleum gas, sweetened	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
57855-77-3	Naphthalenesulfonic acid, dinonyl-, calcium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
4259-15-8	Zinc, bisO,O-bis(2-ethylhexyl)phosphorodithioato-S,S'-, (T-4)-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

**Regulatory Information:** TSCA: All ingredients in this product are listed on the TSCA Inventory or are otherwise exempt.

CA Prop 65: This product is not known to contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**Regulatory Information Statement:** The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risk in use of the material.

### 16. OTHER INFORMATION

**Revision Date:** 09/09/2015  
**Preparer Name:** AD-Compliance  
**Additional Information About This Product:** No data available.  
**Company Policy or Disclaimer:** THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT IS ACCURATE TO THE BEST KNOWLEDGE OF EXCELDA MANUFACTURING. THE DATA ON THIS SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN. EXCELDA MANUFACTURING ASSUMES NO LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON THIS DATA.