# Safety Data Sheet

RUST-OLEUM CORPORATION
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## 1. Identification

**Product Name:** ROHPER 1-GL 2PK SC9100 ACTIVATOR

**Revision Date:** 1/31/2022

**Product Identifier:** 258455

**Supercedes Date:** 1/21/2019

**Recommended Use:** Activator/SC 9100 System

**Supplier:**
Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA

Rust-Oleum Canada (ROCA)
200 Confederation Parkway
Concord, ON L4K 4T8
Canada
Emergency Phone: 800-387-3625

**Manufacturer:**
Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA

**Preparer:** Regulatory Department

**Emergency Telephone:** 24 Hour Hotline: 847-367-7700

## 2. Hazards Identification

### Classification

**Symbol(s) of Product**

**Signal Word**
Danger

**Possible Hazards**
51% of the mixture consists of ingredient(s) of unknown acute toxicity.

**GHS HAZARD STATEMENTS**

| | | |
|---|---|---|
| Flammable Liquid, category 3 | H226 | Flammable liquid and vapor. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Carcinogenicity, category 2 | H351 | Suspected of causing cancer. |
| Reproductive Toxicity, category 2 | H361 | Suspected of damaging fertility or the unborn child. |
| Skin Corrosion, category 1 | H314 | Causes severe skin burns and eye damage. |

**GHS LABEL PRECAUTIONARY STATEMENTS**

| | |
|---|---|
| P201 | Obtain special instructions before use. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING. |
| P233 | Keep container tightly closed. |
| P260 | Do not breathe dust/fume/gas/mist/vapors/spray. |
| P264 | Wash hands thoroughly after handling. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

| | |
|---|---|
| P310 | If exposed immediately call a POISON CENTER or doctor/physician. |
| P321 | For specific treatment see label. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local, regional and national regulations. |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P370+P378 | In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |

**GHS SDS PRECAUTIONARY STATEMENTS**

| | |
|---|---|
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P363 | Wash contaminated clothing before reuse. |

## 3. Composition / Information on Ingredients

**HAZARDOUS SUBSTANCES**

| Chemical Name | CAS-No. | Wt.% | GHS Symbols | GHS Statements |
|---|---|---|---|---|
| 4-Nonylphenol, Branched | 84852-15-3 | 15 | GHS05-GHS07-GHS08 | H302-312-314-361 |
| 1-Chloro-4-(Trifluoromethyl)Benzene | 98-56-6 | 13 | GHS07 | H315-319-332-335 |
| Polyoxypropylenediamine | 9046-10-0 | 10 | GHS05 | H314 |
| Hydrous Magnesium Silicate | 14807-96-6 | 7.7 | Not Available | Not Available |
| Benzyl Alcohol | 100-51-6 | 3.7 | GHS07 | H302-312-320-332 |
| Isophorone Diamine | 2855-13-2 | 2.2 | GHS05-GHS07 | H302-314-317 |
| 2-Nonyl Phenol, Branched | 91672-41-2 | 1.7 | GHS07 | H302 |
| Salicylic Acid | 69-72-7 | 0.4 | GHS05-GHS06-GHS08 | H302-318-330-361 |
| Ethylbenzene | 100-41-4 | 0.1 | GHS02-GHS07-GHS08 | H225-304-332-351-373 |
| 1-Propene | 115-07-1 | 0.01 | GHS04 | H280 |

## 4. First-Aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

## 5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustion generates toxic fumes of carbon monoxide, carbon dioxide and other gases. Keep containers tightly closed. No unusual fire or explosion hazards noted.

**SPECIAL FIREFIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance. Containers can rupture and release highly toxic material if exposed to heat. Substance is non-combustible but reacts with many metals to form explosive hydrogen gas. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

**Special Fire and Explosion Hazard (Combustible Dust):** No Information

## 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8. Carefully neutralize spill with sodium bicarbonate (NaHCO3).

## 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin and clothing.

**STORAGE:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

**Advice on Safe Handling of Combustible Dust:** No Information

## 8. Exposure Controls / Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA PEL-CEILING |
|---|---|---|---|---|---|---|
| 4-Nonylphenol, Branched | 84852-15-3 | 20.0 | N.E. | N.E. | N.E. | N.E. |
| 1-Chloro-4-(Trifluoromethyl) Benzene | 98-56-6 | 15.0 | 2.5 mg/m3 | N.E. | 2.5 mg/m3 | N.E. |
| Polyoxypropylenediamine | 9046-10-0 | 15.0 | N.E. | N.E. | N.E. | N.E. |
| Hydrous Magnesium Silicate | 14807-96-6 | 10.0 | 2 mg/m3 | N.E. | N.E. | N.E. |
| Benzyl Alcohol | 100-51-6 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Isophorone Diamine | 2855-13-2 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| 2-Nonyl Phenol, Branched | 91672-41-2 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Salicylic Acid | 69-72-7 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Ethylbenzene | 100-41-4 | 1.0 | 20 ppm | N.E. | 100 ppm | N.E. |
| 1-Propene | 115-07-1 | 0.1 | 500 ppm | N.E. | N.E. | N.E. |

**PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use impervious gloves to prevent skin contact and absorption of this material through the skin.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications. Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

**Engineering Measures for Combustible Dust:** No Information

## 9. Physical and Chemical Properties

| | | | |
|---|---|---|---|
| **Appearance:** | Liquid | **Physical State:** | Liquid |
| **Odor:** | Solvent Like | **Odor Threshold:** | N.E. |
| **Specific Gravity:** | 1.516 | **pH:** | N.A. |
| **Freeze Point, °C:** | N.D. | **Viscosity:** | N.D. |
| **Solubility in Water:** | Negligible | **Partition Coefficient, n-octanol/ water:** | N.D. |
| **Decomposition Temp., °C:** | N.D. | | |
| **Boiling Range, °C:** | 136 - 537 | **Explosive Limits, vol%:** | 0.9 - 13.0 |
| **Flammability:** | Supports Combustion | **Flash Point, °C:** | 51 |
| **Evaporation Rate:** | Slower than Ether | **Auto-Ignition Temp., °C:** | N.D. |
| **Vapor Density:** | Heavier than Air | **Vapor Pressure:** | N.D. |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**Conditions to Avoid:** Avoid all possible sources of ignition. Avoid contact with metals.

**Incompatibility:** Incompatible with strong oxidizing agents, strong acids and strong alkalies. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

**Hazardous Decomposition:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Decomposition produces hydrogen chloride, chlorine and hydrogen gases.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Stability:** This product is stable under normal storage conditions.

## 11. Toxicological Information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Causes eye burns. Substance causes severe eye irritation. Injury may be permanent.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Contact causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Severely irritating; may cause permanent skin damage.

**EFFECTS OF OVEREXPOSURE - INHALATION:** Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Constituents of this product include crystalline silica dust which ,if inhalable, can may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Can burn mouth, throat and stomach. Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Substance may be harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Repeated exposure to low concentrations of HCl vapor or mist may cause bleeding of nose and gums.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

**The acute effects of this product have not been tested. Data on individual components are tabulated below:**

| CAS-No. | Chemical Name | Oral LD50 | Dermal LD50 | Vapor LC50 |
|---|---|---|---|---|
| 84852-15-3 | 4-Nonylphenol, Branched | 1300 mg/kg Rat | 2000 mg/kg Rabbit | 25 mg/L |
| 98-56-6 | 1-Chloro-4-(Trifluoromethyl)Benzene | 13000 mg/kg Rat | >3300 mg/kg Rabbit | 33 mg/L Rat |

| | | | | |
|---|---|---|---|---|
| 9046-10-0 | Polyoxypropylenediamine | 2885 mg/kg Rat | 2979 mg/kg Rabbit | 25 mg/L |
| 14807-96-6 | Hydrous Magnesium Silicate | 6000 | N.E. | 30 |
| 100-51-6 | Benzyl Alcohol | 1230 mg/kg Rat | 2000 mg/kg Rabbit | 11 mg/L Rat |
| 2855-13-2 | Isophorone Diamine | 1030 mg/kg Rat | > 2,000 mg/kg Rat | 25 mg/L |
| 91672-41-2 | 2-Nonyl Phenol, Branched | 1412 mg/kg | 2031 mg/kg | 25 mg/L |
| 69-72-7 | Salicylic Acid | 891 mg/kg Rat | >2000 mg/kg Rat | >.9 mg/L Rat |
| 100-41-4 | Ethylbenzene | 3500 mg/kg Rat | 15400 mg/kg Rabbit | 17.4 mg/L Rat |

N.E. - Not Established

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of corrosivity (D002). Check state and local regulations for disposal requirements. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

## 14. Transport Information

| | Domestic (USDOT) | International (IMDG) | Air (IATA) | TDG (Canada) |
|---|---|---|---|---|
| **UN Number:** | NA | UN3469 | UN3469 | NA |
| **Proper Shipping Name:** | Paint related products in limited quantities | Paint related material, flammable, corrosive | Paint related material, flammable, corrosive | Paint related products in limited quantities |
| **Hazard Class:** | NA | 3 (8) | 3 (8) | NA |
| **Packing Group:** | NA | III | III | NA |
| **Limited Quantity:** | Yes | Yes | No | Yes |

## 15. Regulatory Information

## U.S. Federal Regulations:

### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Reproductive toxicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization

### SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| Chemical Name | CAS-No. |
|---|---|
| 4-Nonylphenol, Branched | 84852-15-3 |
| Ethylbenzene | 100-41-4 |
| 1-Propene | 115-07-1 |

### Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

| Chemical Name | CAS-No. |
|---|---|

| | |
|---|---|
| 4-Nonylphenol, Branched | 84852-15-3 |
| 1-Chloro-4-(Trifluoromethyl)Benzene | 98-56-6 |
| 2-Nonyl Phenol, Branched | 91672-41-2 |

## U.S. State Regulations:

### California Proposition 65

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

## 16. Other Information

**HMIS RATINGS**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Health:** | 2* | **Flammability:** | 3 | **Physical Hazard:** | 0 | **Personal Protection:** | X |

**NFPA RATINGS**

| | | | | | |
|---|---|---|---|---|---|
| **Health:** | 2 | **Flammability:** | 3 | **Instability:** | 1 |

**Volatile Organic Compounds:** 42 g/L

**SDS REVISION DATE:** 1/31/2022

**REASON FOR REVISION:** Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
09 - Physical & Chemical Properties
Revision Statement(s) Changed

**Legend:** N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.