

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | R-O QT RUSTOLEUM WOOD STAIN<br>TRDTNL CHRY                                     | <b>Revision Date:</b>   | 10/7/2016  |
| <b>Product Identifier:</b>  | 316187   | <b>Supersedes Date:</b> | New SDS  |
| <b>Product Use/Class:</b>   | Stain/Solventborne   |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| <b>Preparer:</b>            | Regulatory Department  |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700  |                         |  |

## 2. Hazard Identification

### Classification

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

39% of the mixture consists of ingredient(s) of unknown acute toxicity.

### GHS HAZARD STATEMENTS

|                                     |      |   |
|-------------------------------------|------|---|
| Flammable Liquid, category 3        | H226 | Flammable liquid and vapour.                                    |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects.                                      |
| Carcinogenicity, category 1B        | H350 | May cause cancer.   |
| STOT, repeated exposure, category 1 | H372 | Causes damage to organs through prolonged or repeated exposure. |
| Skin Sensitizer, category 1         | H317 | May cause an allergic skin reaction.                            |

### GHS LABEL PRECAUTIONARY STATEMENTS

|                |   |
|----------------|---|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.        |
| P233           | Keep container tightly closed.  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                            |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.   |
| 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.  |
| P501           | Dispose of contents/container in accordance with local, regional and national regulations.            |
| P201           | Obtain special instructions before use.   |

|           |  |
|-----------|--|
| P308+P313 | IF exposed or concerned: Get medical advice/attention.                 |
| P405      | Store locked up.   |
| P260      | Do not breathe dust/fume/gas/mist/vapours/spray.                       |
| P264      | Wash hands thoroughly after handling.                                  |
| P314      | Get medical advice/attention if you feel unwell.                       |
| P272      | Contaminated work clothing should not be allowed out of the workplace. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water.                        |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention.       |
| P321      | For specific treatment see label                                       |

**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.          |
| P270 | Do not eat, drink or smoke when using this product.            |
| P363 | Wash contaminated clothing before reuse.                       |

### 3. Composition/Information On Ingredients

**HAZARDOUS SUBSTANCES**

| <u>Chemical Name</u>                   | <u>CAS-No.</u> | <u>Wt.%<br/>Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|--|----------------|-----------------------|--------------------|-----------------------|
| Stoddard Solvent                       | 8052-41-3      | 25-50                 | GHS08              | H304-372              |
| Mineral Spirits                        | 64742-88-7     | 10-25                 | GHS08              | H304-372              |
| Solvent Naphtha, Light Aromatic        | 64742-95-6     | 2.5-10                | GHS07-GHS08        | H304-332-340-350      |
| Ethylbenzene                           | 100-41-4       | 0.1-1.0               | GHS02-GHS07-GHS08  | H225-304-332-351-373  |
| Naphtha, Petroleum, Hydrotreated Light | 64742-49-0     | 0.1-1.0               | GHS08              | H304-340-350          |
| Methyl Ethyl Ketoxime                  | 96-29-7        | 0.1-1.0               | GHS05-GHS06        | H302-312-317-318-331  |
| Crystalline Silica / Quartz            | 14808-60-7     | 0.1-1.0               | Not Available      | Not Available         |
| Ethanol                                | 64-17-5        | 0.1-1.0               | GHS02              | H225                  |

### 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:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**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, get medical attention.

### 5. Fire-fighting Measures

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No unusual fire or explosion hazards noted. Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor.

**SPECIAL FIREFIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

## 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools.

## 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 MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

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

## 8. Exposure Controls/Personal Protection

| Chemical Name                          | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-<br>TWA | OSHA PEL-<br>CEILING |
|--|------------|-----------------------|-------------------|--------------------|------------------|----------------------|
| Stoddard Solvent                       | 8052-41-3  | 40.0                  | 100 ppm           | N.E.               | 500 ppm          | N.E.                 |
| Mineral Spirits                        | 64742-88-7 | 15.0                  | N.E.              | N.E.               | N.E.             | N.E.                 |
| Solvent Naphtha, Light Aromatic        | 64742-95-6 | 10.0                  | N.E.              | N.E.               | N.E.             | N.E.                 |
| Ethylbenzene                           | 100-41-4   | 1.0                   | 20 ppm            | N.E.               | 100 ppm          | N.E.                 |
| Naphtha, Petroleum, Hydrotreated Light | 64742-49-0 | 1.0                   | N.E.              | N.E.               | N.E.             | N.E.                 |
| Methyl Ethyl Ketoxime                  | 96-29-7    | 1.0                   | 10 ppm            | N.E.               | N.E.             | N.E.                 |
| Crystalline Silica / Quartz            | 14808-60-7 | 1.0                   | 0.025 mg/m3       | N.E.               | N.E.             | N.E.                 |
| Ethanol                                | 64-17-5    | 1.0                   | N.E.              | 1000 ppm           | 1000 ppm         | N.E.                 |

### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** 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 gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**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.

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

## 9. Physical and Chemical Properties

|                                 |                     |  |           |
|---------------------------------|---------------------|--|-----------|
| <b>Appearance:</b>              | Liquid              | <b>Physical State:</b>                         | Liquid    |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                         | N.E.      |
| <b>Relative Density:</b>        | 0.914               | <b>pH:</b>                                     | N.A.      |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                              | N.D.      |
| <b>Solubility in Water:</b>     | None                | <b>Partition Coefficient, n-octanol/water:</b> | N.D.      |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                 | 1.0 - 7.0 |
| <b>Boiling Range, °C:</b>       | -18 - 537           | <b>Flash Point, °C:</b>                        | 41        |
| <b>Flammability:</b>            | Supports Combustion | <b>Auto-ignition Temp., °C:</b>                | N.D.      |
| <b>Evaporation Rate:</b>        | Slower than Ether   | <b>Vapor Pressure:</b>                         | N.D.      |
| <b>Vapor Density:</b>           | Heavier than Air    |  |           |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** Avoid contact with strong acid and strong bases.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalies.

**HAZARDOUS DECOMPOSITION:** When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

**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:** Substance causes moderate eye irritation.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Substance may cause slight skin irritation.

**EFFECTS OF OVEREXPOSURE - INHALATION:** 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. Prolonged or excessive inhalation may cause respiratory tract irritation.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

**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:

| <u>CAS-No.</u> | <u>Chemical Name</u>                   | <u>Oral LD50</u> | <u>Dermal LD50</u>  | <u>Vapor LC50</u> |
|----------------|--|------------------|---------------------|-------------------|
| 64742-88-7     | Mineral Spirits                        | >19748 mg/kg Rat | >3000 mg/kg Rabbit  | 4951 mg/L Rat     |
| 64742-95-6     | Solvent Naphtha, Light Aromatic        | 8400 mg/kg Rat   | >2000 mg/kg Rabbit  | N.I.              |
| 100-41-4       | Ethylbenzene                           | 3500 mg/kg Rat   | 15400 mg/kg Rabbit  | 17.4 mg/L Rat     |
| 64742-49-0     | Naphtha, Petroleum, Hydrotreated Light | >5000 mg/kg Rat  | >3160 mg/kg Rabbit  | >4951 mg/L Rat    |
| 96-29-7        | Methyl Ethyl Ketoxime                  | 930 mg/kg Rat    | 1100 mg/kg Rabbit   | >4.8 mg/L Rat     |
| 14808-60-7     | Crystalline Silica / Quartz            | 5500 mg/kg Rat   | 5500                | 100 mg/L          |
| 64-17-5        | Ethanol                                | 7060 mg/kg Rat   | 15,800 mg/kg Rabbit | 30,000 mg/l Rat   |

N.I. - No Information

## 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. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

## 14. Transport Information

|                       | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|-----------------------|-------------------------|-----------------------------|-------------------|---------------------|
| UN Number:            | N.A.                    | 1263                        | 1263              | N.A.                |
| Proper Shipping Name: | Not Regulated           | Paint                       | Paint             | Not Regulated       |
| Hazard Class:         | N.A.                    | 3                           | 3                 | N.A.                |
| Packing Group:        | N.A.                    | III                         | III               | N.A.                |
| Limited Quantity:     | No                      | Yes, >5L No                 | Yes, >5L No       | No                  |

## 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:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

#### 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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
|----------------------|----------------|

|              |          |
|--------------|----------|
| Ethylbenzene | 100-41-4 |
|--------------|----------|

#### 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:

No TSCA 12(b) components exist in this product.

## 16. Other Information

#### HMIS RATINGS

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

#### NFPA RATINGS

|         |   |               |   |              |   |
|---------|---|---------------|---|--------------|---|
| Health: | 2 | Flammability: | 2 | Instability: | 0 |
|---------|---|---------------|---|--------------|---|

VOLATILE ORGANIC COMPOUNDS, g/L: 539

SDS REVISION DATE: 10/7/2016

#### REASON FOR REVISION:

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

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