

# SAFETY DATA SHEET

Revision Date 09-04-2019

Version 1

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Code(s)** 10660-W  
**Product Name** RUST VETO 3012  
**Recommended Use** Rust Preventative  
**Uses advised against** Any other purpose.

### **Manufacturer, Importer, Supplier**

Wallover Oil Company  
 21845 Drake Road  
 Strongsville, OH 44149  
 Tel: +1 440 238-9250  
 www.quakerhoughton.com

Houghton Canada  
 915 Meyerside Drive  
 Mississauga  
 ON  
 L5T 1R8

### Emergency telephone number

**United States of America/Canada :** 3E Company - 1-866-519-4752 ( Code 333938 )

## SECTION 2: HAZARDS IDENTIFICATION

### Classification

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Workplace Hazardous Materials Information System (WHMIS) 2015

Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable liquids	Category 3

### Label elements

**Signal word**  
 DANGER

### **Hazard statements**

May cause drowsiness or dizziness  
 May be fatal if swallowed and enters airways  
 Flammable liquid and vapor



### Precautionary Statements

#### Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/Bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Wear protective gloves/protective clothing/eye protection/face protection

#### Precautionary Statements - Response

##### Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

##### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell

##### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor  
 Do NOT induce vomiting

##### Fire

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

#### Precautionary Statements - Storage

Store locked up  
 Store in a well-ventilated place. Keep cool

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

Health Not Applicable.

Physical Not Applicable.

#### Other Information

Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture. Health hazard information is based on its ingredients.

Chemical name	CAS No	Weight-%
Distillates (petroleum), hydrotreated light	64742-47-8	80% - 100%
Highly refined base oil (Viscosity >20.5 cSt @40°C)	-	10% - 30%
Nonane	111-84-2	1% - 5%
Calcium bis(dinonylnaphthalenesulphonate)	57855-77-3	1% - 5%
Benzenesulfonic acid, mono-C16-24-alkyl derivs.,	70024-69-0	0.1% - 1%

calcium salts		
---------------	--	--

*The exact percentage (concentration) of composition has been withheld as a trade secret.*

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346. See Section 15 for additional information on base oils.

## SECTION 4: FIRST AID MEASURES

### Description of first-aid measures

<b>General advice</b>	Immediate medical attention is required. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray.
<b>Inhalation</b>	Move to fresh air. Potential for aspiration if swallowed. Get medical attention immediately if symptoms occur.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Clean mouth with water and afterwards drink plenty of water. Aspiration hazard if swallowed - can enter lungs and cause damage. If symptoms persist, call a physician.
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

### Most important symptoms and effects, both acute and delayed

**Main Symptoms** May be fatal if swallowed and enters airways

### Indication of immediate medical attention and special treatment needed

**Notes to physician** Treat symptomatically.

## SECTION 5: FIRE FIGHTING MEASURES

### Extinguishing media

#### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.; Use CO2, dry chemical, or foam, Water spray or fog, Cool containers / tanks with water spray

#### **Extinguishing media which shall not be used for safety reasons**

Do not use a solid water stream as it may scatter and spread fire

### Special hazards arising from the substance or mixture

#### **Special Hazard**

In the event of fire and/or explosion do not breathe fumes. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Flammable. Risk of ignition. Thermal decomposition can lead to release of irritating gases and vapors.

#### **Hazardous decomposition products**

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide

### Advice for firefighters

**Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak. Remove all sources of ignition.

**Advice for non-emergency personnel**

Eliminate all ignition sources if safe to do so. Evacuate personnel to safe areas.

**Advice for emergency responders** For personal protection see section 8.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

**Methods and materials for containment and cleaning up**

After cleaning, flush away traces with water.

**Reference to other sections**

See Section 8/12/13 for additional information

**SECTION 7: HANDLING AND STORAGE****Precautions for safe handling**

Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Keep away from open flames, hot surfaces and sources of ignition.

**Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children.

**Recommended Shelf Life**

No information available.

**Incompatible materials**

Strong oxidizing agents, Strong acids, Strong bases

**Specific end uses****Specific use(s)**

Rust Preventative

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure Guidelines****Legend:**

(s) - Skin; TWA - Time-Weighted Average; STEL - Short Term Exposure Limit; Ceiling - Ceiling Value; TLV® - Threshold Limit Value; PEL (Permissible Exposure Limit); IDLH (immediately dangerous to life and health); WEEL (Workplace Environmental Exposure Level Guides)

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA WEEL
Distillates (petroleum), hydrotreated light 64742-47-8	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)		
Highly refined base oil (Viscosity >20.5 cSt @40°C)	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)		
Nonane 111-84-2	TWA: 200 ppm		TWA: 200 ppm TWA: 1050 mg/m <sup>3</sup> (s)	

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration of the US Department of Labor

NIOSH - National Institute for Occupational Safety and Health

Hydrocarbon solvent vapor mixtures which do not have substance specific occupational exposure limits may be evaluated by the Reciprocal Calculation Procedure (RCP) which assigns a recommended occupational exposure limit based on the mass composition and hydrocarbon group guidance values (GGVs). Applicable recommended occupational exposure limits are shown in the table below.

Chemical name	RCP OEL	Manufacturer
Distillates (petroleum), hydrotreated light 64742-47-8	1200 mg/m <sup>3</sup>	

**Exposure controls****Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin and body protection</b>	Wear protective gloves/clothing.
<b>Respiratory protection</b>	No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Appearance</b>	Clear, amber colored
<b>Odor</b>	Hydrocarbon-like	<b>Odor threshold</b>	Not Determined

Property	Values	Remarks
<b>pH</b>	Not Determined	
<b>Melting point / freezing point</b>	-58 °C / -72 °F	(of the solvent)
<b>Boiling point / boiling range</b>	>= 158 °C / >= 316 °F	(of the solvent)
<b>Flash point</b>	40 °C / 108 °F	Closed cup
<b>Evaporation rate</b>	< 1	
<b>Flammability (solid, gas)</b>	Not Determined	

**Flammability Limit in Air**

<b>Upper flammability limit:</b>	5.5 %	(of the solvent)
<b>Lower flammability limit:</b>	0.6 %	(of the solvent)

<b>Vapor pressure</b>	~ 0.22 - 0.45	mmHg @ 20 °C (of the solvent)
<b>Vapor density</b>	4.5	(Air = 1.0)
<b>Relative density</b>	0.79	g/cm3
<b>Solubility(ies)</b>	Soluble in hydrocarbons	
<b>Partition coefficient</b>	Not Determined	
<b>Autoignition temperature</b>	236 °C / 457 °F	(of the solvent)
<b>Decomposition temperature</b>	Not Determined	
<b>Kinematic viscosity</b>	~ 2 cSt @ 40 °C	
<b>Explosive properties</b>	Not applicable	
<b>Oxidizing Properties</b>	Not applicable	

**Other Information**

<b>Viscosity, kinematic (100°C)</b>	Not Determined
<b>Pour Point</b>	Not Determined
<b>VOC Content (ASTM E-1868-10)</b>	Not Determined
<b>VOC content</b>	< 90 %

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

None under normal use conditions

**Chemical stability**

Stable under normal conditions

**Possibility of hazardous reactions**

None under normal use conditions

**Conditions to avoid**

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity. Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**Hazardous decomposition products**

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	May be fatal if swallowed and enters airways.
<b>Inhalation</b>	Risk of serious damage to the lungs (by aspiration); Vapors may cause drowsiness and dizziness
<b>Eye contact</b>	Based on available data, the classification criteria are not met

**Skin contact** Based on available data, the classification criteria are not met  
**Ingestion** Risk of product entering the lungs on vomiting after ingestion

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates (petroleum), hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Highly refined base oil (Viscosity >20.5 cSt @40°C)	>2000 mg/kg	>2000 mg/kg	
Nonane 111-84-2			= 3200 ppm ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** May be fatal if swallowed and enters airways. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met

**Sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**Specific target organ toxicity (single exposure)** May cause drowsiness or dizziness.

**Specific target organ toxicity (repeated exposure)** Based on available data, the classification criteria are not met.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life with long lasting effects

Chemical name	Algae/aquatic plants	Fish	Crustacea
Distillates (petroleum), hydrotreated light	1000: 72 h Pseudokirchneriella subcapitata mg/L EC50	1000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

**Persistence and degradability** The product is not readily biodegradable, but it can be degraded by micro-organisms, it is regarded as being inherently biodegradable.

**Bioaccumulation** No information available

**Mobility** No information available.

**Other adverse effects** No information available

### SECTION 13: DISPOSAL CONSIDERATIONS

#### **Waste treatment methods**

**Waste Disposal Methods** Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging** Observe all label precautions until container is cleaned, reconditioned or destroyed.

### SECTION 14: TRANSPORT INFORMATION

**DOT** Not regulated (If shipped in NON BULK packaging by ground transport)

<b>UN/ID no</b>	NA1993
<b>Proper shipping name</b>	COMBUSTIBLE LIQUID, N.O.S.
<b>Hazard Class</b>	Combustible Liquid
<b>Packing Group</b>	III
<b>Emergency Response Guide Number</b>	128
<b>Description</b>	NA1993, COMBUSTIBLE LIQUID, N.O.S (DISTILLATES (PETROLEUM), HYDROTREATED LIGHT), COMBUSTIBLE LIQUID, III
<b>Remarks</b>	According to 49 CFR §173.150(f)(1), this material may be reclassified as a combustible liquid. A combustible liquid in non-bulk packaging is not regulated for transport for road and rail transportation

**TDG**

<b>UN/ID no</b>	UN1268
<b>Proper shipping name</b>	PETROLEUM DISTILLATES, N.O.S.
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III

**IATA**

<b>UN/ID no</b>	UN1268
<b>Proper shipping name</b>	PETROLEUM DISTILLATES, N.O.S.
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>ERG Code</b>	3L
<b>Description</b>	UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III

**IMDG**

<b>UN/ID no</b>	UN1268
<b>Proper shipping name</b>	PETROLEUM DISTILLATES, N.O.S.
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>EmS-No</b>	F-E, S-E
<b>Vessel Stowage Location Code</b>	A
<b>Description</b>	UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III, (42°C c.c.)



## SECTION 15: REGULATORY INFORMATION

### International Inventories

Inventory information may be utilizing alternative CAS#s or exemptions beyond those stated within this document. For further information, please contact: ProductStewardship@houghtonintl.com

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>AICS</b>	Complies
<b>PICCS</b>	Complies
<b>KECL</b>	Complies
<b>IECSC</b>	Complies
<b>ENCS</b>	Complies
<b>TCSI</b>	Complies
<b>NZIoC</b>	Complies

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**AICS** - Australian Inventory of Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**TCSI** - Taiwan National Existing Chemical Inventory  
**NZIoC** - New Zealand Inventory of Chemicals

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

- Flammable (gases, aerosols, liquids, or solids)
- Specific target organ toxicity (single or repeated exposure)
- Aspiration Hazard

#### Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Benzene	10 lb	X	X	X
Naphthalene	100 lb	X	X	X
Ethylbenzene	1000 lb	X	X	X
Toluene	1000 lb	X	X	X

#### CERCLA

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this regulation, Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

#### SCAQMD Rule 1144

This product has not been tested for VOC content by the ASTM E-1868-10 method and is not approved for sale or distribution in the SCAQM District of California if the product is used as a metal forming, metal removal, metal treating, metal protection fluid or as a direct-contact lubricant.

#### **California Proposition 65**

**WARNING:** This product contains a chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Chemical name	CAS No	California Prop. 65
Ethylbenzene	100-41-4	Carcinogen
Toluene	108-88-3	Developmental Female Reproductive
Benzene	71-43-2	Carcinogen Developmental Male Reproductive
Naphthalene	91-20-3	Carcinogen
Cumene	98-82-8	Carcinogen

#### **International Regulations**

##### **Ozone-depleting substances (ODS)**

Not applicable

##### **Persistent Organic Pollutants**

Not applicable

##### **Chemicals Subject to Prior Informed Consent (PIC)**

Not applicable

##### **Other Information**

Not applicable

**The highly refined base oil (Viscosity >20.5 cSt @40°C) contains one or more substance with the following CAS/EC numbers/REACH registration numbers:**

Chemical name	CAS No
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	101316-72-7
Lubricating oils (petroleum), used, noncatalytically refined	101316-73-8
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4
Distillates (petroleum), solvent-refined light paraffinic	64741-89-5
Residual oils (petroleum), solvent deasphalted	64741-95-3
Distillates (petroleum), solvent-refined heavy naphthenic	64741-96-4
Distillates (petroleum), solvent-refined light naphthenic	64741-97-5
Residual oils (petroleum), solvent-refined	64742-01-4
Extracts (petroleum), residual oil solvent	64742-10-5
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8
Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9
Residual oils (petroleum), hydrotreated	64742-57-0
Lubricating oils (petroleum), hydrotreated spent	64742-58-1
Residual oils (petroleum), solvent-dewaxed	64742-62-7
Distillates (petroleum), solvent-dewaxed heavy, paraffinic	64742-65-0
Paraffin oils (petroleum), catalytic dewaxed heavy	64742-70-7
Paraffin oils (petroleum), catalytic dewaxed light	64742-71-8
Lubricating oils (petroleum), C>25, hydrotreated bright stock-based	72623-83-7
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity	72623-85-9
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0
Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based	72623-87-1
Lubricating oils	74869-22-0

Paraffin oils	8012-95-1
White mineral oil (petroleum)	8042-47-5
C18-C50 branched, cyclic and linear hydrocarbons – Distillates	848301-69-9

**SECTION 16: OTHER INFORMATION****Key or legend to abbreviations and acronyms used in the safety data sheet**

STOT SE - Specific target organ systemic toxicity (Single exposure)  
STOT RE - Specific target organ systemic toxicity (repeated exposure)  
VOC - Volatile organic compounds

**Revision Date** 09-04-2019

**Revision Note** Replaces 09-10-2018

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**