

# SAFETY DATA SHEET

## CARWELL PRODUCTS, INC.

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### 1. Product Identification

Tradename: Rust Cop (Aerosol)  
Family/  
Chemical Name: Mixture of petroleum hydrocarbons.  
Product Type: Corrosion Inhibitor  
Chemical Formula: Proprietary

HMIS III	
Health	1
Flammability	4
Physical Hazard	0
Personal Protection	B

### 2. Composition/Information on Ingredients

Wt. %	CAS No.	Ingredient	Units	Vapor Pressure
10	74-98-6	Propane		
		ACGIH TLV	2500 ppm	760 mm
		OSHA PEL	1000 ppm	
10	106-97-8	Butane		
		ACGIH TLV	800 ppm	760 mm
		OSHA PEL	800 ppm	
69	64742-52-5	Heavy Napthenic Petroleum Oil		
		ACGIH TLV	5 mg/m3 as mist	
		OSHA PEL	5 mg/m3 as mist	

### 3. Hazards Identification

#### ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.  
EYE or SKIN contact with the product, vapor or spray mist

#### EFFECTS OF OVEREXPOSURE

EYES: Irritation  
SKIN: Prolonged or repeated exposure may cause irritation  
INHALATION: Irritation of the upper respiratory system  
May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

#### MEDICAL CONDITIONS AGGAVATED BY EXPOSURE

None generally recognized.

#### CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

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#### 4. *First Aid Measures*

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- EYES: Flush eyes with large amounts of water for 15 Minutes. Get medical attention.  
SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and laundry before reuse.  
INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.  
INGESTION: Do not induce vomiting. Get medical attention immediately.

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#### 5. *Fire Fighting Measures*

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FLASH POINT LEL UEL  
Propellant <0 F 1.9 9.5

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decomposition products may cause a health hazard.

Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

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#### 6. *Accidental Release Measures*

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

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#### 7. *Handling and storage*

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STORAGE CATEGORY

Not available

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated – Do not smoke – Extinguish all flames, pilot lights, and heaters – Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperatures above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

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#### 8. *Exposure Controls/Personal Protection*

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PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed “as Dust” in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg/m<sup>3</sup> (total dust) 5 mg/m<sup>3</sup> (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1010.108

**RESPIRATORY PROTECTION**

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

**EYE PROTECTION**

Wear safety spectacles with unperforated side shields.

**OTHER PRECAUTIONS**

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**9. Physical and Chemical Properties**

PRODUCT WEIGHT	6.63 lb/gal	794 g/l
SPECIFIC GRAVITY	0.90	
BOILING POINT	<0 – 34 F	<-18 – 1 C
MELTING POINT	Not available	
VOLATILE VOLUME	30%	
EVAPORATION RATE	Faster than ether	
VAPOR DENSITY	Heavier than air	
SOLUABILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS	(VOC Theoretical – As Packaged)	
	Volatile Weight 20.00% Less Water and Federally Exempt Solvents	

**10. Stability and Reactivity**

STABILITY – Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

**11. Toxicological Information**

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

CAS No.	Ingredient				
74-98-6	Propane	LC50	RAT	4 HR	Not Available
		LD50	RAT		Not Available
106-97-8	Butane	LC50	RAT	4 HR	Not Available
		LD50	RAT		Not Available
64742-52-5	Heavy Napthenic Petroleum Oil	LC50	RAT	4 HR	Not Available
		LD50	RAT		Not Available

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## 12. Ecological Information

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### ECOTOXICOLOGICAL INFORMATION

No data available.

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## 13. Disposal Considerations

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### WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste number.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

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## 14. Transport Information

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### US GROUND (DOT)

May be classed as LTD. QTY. OR ORM-D

UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG#126)

### Canada (TDG)

May be classed as LTD. QTY. OR ORM-D

UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG#126)

### IMO

May be shipped as Limited Quantity

UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EmS F-D, S-U, ADR (D)

### IATA/ICAO

UN1950, AEROSOLS, FLAMMABLE, 2.1, LIMITED QUANTITY

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## 15. Regulatory Information

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### SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C)

### CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

### TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory.

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## 16. Other Information

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This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR

*Prepared by:* Product SDS Coordinator

*Original Issue Date:*

N/A

*Revised:* May 29, 2015

*Supersedes:* Original

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with the use of this information..

## Carwell's Rust Cop

*This information applies to:*

### **Rust Cop Aerosol Cans (12 oz.)**

Carwell's Rust Cop is a unique blend of rust inhibitors to control corrosion on all metals. It eliminates moisture containing salt, dirt, and air pollutants from the surface of metal to give long lasting protection. It also lubricates moving parts and is an excellent penetrant even through existing rust.

### **Directions:**

Apply liberally to areas prone to corrosion, rusty areas, or seized parts. T32 cannot remove existing corrosion but will control corrosion provided there is serviceable metal base and the chronic corrosion has not gone to far. Allow time to penetrate on seized parts. Reapply as needed to maintain the level of protection and lubrication desired. The product will not harm rubber, painted surfaces, plastics, or glass. There is no benefit to apply to the rubber, fiberglass, or Kevlar composites.

Do not allow product to puddle or buildup on weather striping, rubber gaskets, or liners. Protect with silicone spray. Do not apply to recently painted area for at least 48 hours after paint has properly dried and cured. Do not apply to parts that are glued together like side moldings as the product may break down the glue.

### **Applications:**

Ideal for (particularly prior to or during periods of storage or as part of regular maintenance):

- o Seams, welds, folds, and crevices
- o Riveted pieces, chains
- o Door & lock mechanisms
- o Gas tanks & straps
- o Brake cables
  
- o Wheel hub nuts
  
- o Oil pan, transmission nuts & bolts
- o Mirror Mounts
- o Spot Welds (over 2000 on an average vehicle
  
- o Seized parts, nuts and bolts
- o Rollers, castors, hinges, brackets, release cables
- o Window regulators & wiper mechanism
- o Coil & leaf springs, U bolts
- o Electrical wiring, lights, electrical connectors, battery posts & cables
- o Any area where dissimilar metals are fastened (aluminum & steel)
- o Radiator brackets, shrouds & casing
- o Headlight Adjusters

Use on:

- o Trucks, cars, vans, buses, trailers, tractors
- o Salt spreaders, seeders, fertilizer spreaders
  
- o Lawn mowers, snow blowers
- o Tools, shovels, rakes, metal boxes

**Removal and Recommended Wash Procedures** – For best results, after T-32 is applied, the vehicle should be allowed to cure for a minimum period of 48 hours and then any excess product can be washed off. Should removal be required for painting or servicing, consider the following:

- Use an environmentally approved biodegradable mild degreaser.
- Use water temperatures between 100° - 200°F.
- Use pressure washer capable of 2000 psi. \*Caution must be used to prevent coating /paint removal
- Pressure washer tip should be kept 18 inches away from surface.

Follow the manufacture's directions on the label of the mild degreaser for the proper concentration, agitation and rinse procedures.