



To Our Customers:

The attached Safety Data Sheet (SDS) was prepared by the vendor of the product you purchased through one of our divisions. We used the manufacturer's electronic document directly or scanned a paper copy and generated a file for our automated SDS delivery system.

All statements, technical information, and recommendations contained therein are solely that of the manufacturer of the product. We at Zep Inc. did not verify the accuracy and completeness of the statements and do not warrant or guarantee the information. We provide vendor SDSs in accordance with the requirements of the OSHA Hazard Communication Standard in order to assist our customers in their compliance efforts. We made every effort to deliver all of the information prepared by the manufacturer. We cannot anticipate all conditions under which this information will be used. If you have any questions about the statements on the SDS, please contact the company shown on the document.

Zep Inc. assumes no liability or responsibility for loss or damage resulting from the improper use or handling of this product, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the manufacturer's product label and Safety Data Sheet.

Sincerely,

Compliance Services

Zep Inc.

AUTOMOTIVE INTERNATIONAL

SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION

Product Name ValuGard Rust Inhibitor
Other Names Anti rust coating, Cavity wax
Product Code VG-101
Use Corrosion protective coating

Company Automotive International
8855 Blue Ash Rd.
Cincinnati, Ohio 45242
Tel: (513) 489-7883
Fax: (513) 489-1329

Emergency Tel. (800) 262-8200 (CHEMTREC)

SECTION 2: HAZARD(s) IDENTIFICATION

Physical Hazard	Combustible liquid	Category 4
Health Hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Target organ toxicity, repeat exposure	Category 2

Label Elements



Signal Word Danger

Hazard Statement Combustible liquid, causes skin irritation, causes serious eye irritation, may cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention

P-270 Do not eat, drink or smoke while using this product. Keep away from heat, sparks, open flames, hot surfaces and other ignition sources. Avoid breathing mist, vapours, spray. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection.

Revised

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.

P370 + P378: In case of fire; use water spray, carbon dioxide, dry chemical or alcohol foam to extinguish.

P332 + P313 : If skin irritation occurs: Get medical attention

P337 + P313 : If eye irritation occurs : Get medical advise/attention.

P308 + P311 : If exposed or concerned: Call a POISON center/Doctor/Physician.

Storage

Store in a dry place. Store in a closed container.

Disposal

Dispose of contents and/or container in accordance with local, regional, state, national, and international regulation.

Canadian WHIMS

Class B Division 3

Combustible liquid

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical Name	Common Name	CAS number	Percent by weight
Petroleum Distillates	Mineral Spirits	64742-88-7	45%
Wax	Wax, Resin, Viscosity modifiers	64742-61-6	22%

SECTION 4: FIRST-AID MEASURES

General Advice

Take off immediately all contaminated clothing. Get Medical advice/attention if you feel unwell. Wash contaminated clothing before reuse.

Inhalation

Remove person to fresh air and keep comfortable for breathing. Get Medical attention if you feel unwell.

Skin

Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.

Eye

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical attention.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get Medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and Indication of immediate medical attention and special treatment needed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguisher type(s)	Carbon dioxide (CO ₂), foam, water fog or dry chemical.
Unsuitable Extinguisher type	Do not use stream/jet of water as this will spread fire.
Specific hazardous arising from fire.	Vaporized material may form explosive mixture with air. Thermal decomposition (burning) will produce oxides of carbon including carbon monoxide and may also produce irritating, corrosive and/or toxic gases, vapors and fumes.
Special protective equipment for fire fighting.	Self-contained breathing apparatus and full protective gear must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak or spill procedures	Remove all sources of ignition. Provide adequate ventilation.
Containment	Contain and absorb with inert material. (e.g. oil dry, sand)
Cleanup	Dispose in accordance with all local, state and federal regulations.
Precautions	In the event of a large spill, contain material and recover for use if possible. Avoid discharge into drains, water courses and the ground.

SECTION 7: HANDLING AND STORAGE

Storage	Keep away from ignition sources. Keep containers tightly closed. Store in a cool, dry and well ventilated area.
Handling	Avoid prolonged or repeated skin contact and avoid breathing vapors.
Incompatible Contaminants	Avoid exposure to oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	OSHA PEL	ACGIH TLV-TWA
Petroleum Distillate	500 ppm	100 ppm
Engineering Controls	Use with adequate ventilation.	
PPE	Eye/Face: Face shield, goggles Skin: Chemical protective gloves. Respiratory: Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH-approved air purifying respirator with organic vapor cartridge or a supplied air respirator.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	Viscous Liquid
Color	Tan or amber
Flammability Limits (Mineral Spirits)	
Upper	~6%
Lower	~0.8%
Odor	Mild Solvent Odor
Odor Threshold	Not Determined

Revised

Vapor Pressure at 20°C	<3 mm Hg, based on solvent
pH	Not applicable
Vapor Density (air=1)	>1
Evaporation Rate	Not Determined
Specific Gravity, 16°C	>1.0
Melting Point/Range	Not Determined
Boiling Point/Range	>350°F (>177°C)
Solubility	Very slight
Partition Coefficient	Not Determined
Flash Point	142°F (61°C)
Combustibility	Class 4
Auto ignition Temperature	> 410°F (>210°C)
Decomposition Temperature	Not Determined
Viscosity	Time/shear dependent

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Chemical Stability Stable

Other

Hazardous Reactions Combustion

Polymerization Will not occur.

Conditions to Avoid Strong oxidizing agents: sources of ignition.

Incompatible Materials Strong oxidizing agents

Decomposition Hazards Combustion products: Oxides of carbon, nitrogen, and sulfur and potentially irritating and/or toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50	LC50
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Petroleum Distillates	Oral-Rat, > 5gm/Kg	4 Hr.-Rat, > 5500 mg/M ³
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Routes of Exposure

Inhalation May cause damage to organs

Ingestion Unlikely: Expect low ingestion hazard. Do NOT induce vomiting.

Skin Contact Causes skin irritation

Eye Contact Causes severe eye irritation

Delayed, Immediate, and Long Term Exposure Prolonged or repeated inhalation of petroleum distillates may cause damage to organs.

Carcinogenicity None of the components of this mixture are considered to be a carcinogen by IARC, ACGIH, NTP, OR OSHA.

SECTION 12: ECOLOGICAL INFORMATION (non-mandatory)

Eco toxicity	This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.
Environmental Fate	This material may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS (non-mandatory)

Hazard characteristic and regulatory waste classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper handling and disposition for disposal according to local, state and federal regulations. (40 CFR 260 through 271)

SECTION 14: TRANSPORT INFORMATION (non-mandatory)

For Industrial/Professional Use Only-Keep out of reach of Children

U.S. and Canada ground	Combustible liquid, No label required. NFMCMC#50315 Not regulated for transport
Airfreight and International ocean	Not regulated

SECTION 15: REGULATORY INFORMATION (non-mandatory)

TSCA	All components are on the TSCA inventory.
Sara Title III, Section 313	No, None
Sara Title III, Section 311, 312	Fire Hazard

SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.