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SAFETY DATA SHEET

1. Identification

Product name ANTICORIT SV 50286 X

Other means of identification No data available.

Recommended use: Corrosion inhibitor

Restrictions on use: Industrial use only

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name: Fuchs Lubricants Co.
Address: 17050 Lathrop Avenue
Harvey, Illinois 60426
Telephone: 708-333-8900
Fax: 708-333-9180

Contact Person: EHS Department
E-mail: sds@fuchsus.com

Emergency telephone number: 708-333-8900 (Bus. hrs) 800-255-3924 (24 hrs)

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable liquids Category 3

Health Hazards

Skin Corrosion/Irritation Category 2

Specific Target Organ Toxicity -
Single Exposure Category 3

Aspiration Hazard Category 1

Label Elements

Hazard Symbol:



Signal Word: Danger



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Hazard Statement: Flammable liquid and vapor.
Causes skin irritation.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

Precautionary Statements

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

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see this label). Take off contaminated clothing. In case of fire: Use # to extinguish.

Storage: Store in well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification: None.

Unknown toxicity - Health

| | |
|--|---------|
| Acute toxicity, oral | 6.59 % |
| Acute toxicity, dermal | 6.58 % |
| Acute toxicity, inhalation, vapor | 96.93 % |
| Acute toxicity, inhalation, dust or mist | 16.09 % |

3. Composition/information on ingredients



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Hazardous Component(s):

| Chemical name | CAS-No. | Concentration |
|-----------------------|--------------|---------------|
| Petroleum distillates | Confidential | 50 - <100% |
| Paraffin wax | Confidential | 1 - <5% |
| Mineral oil | Confidential | 1 - <5% |
| Barium compound | Confidential | 1 - <5% |

Specific chemical identities and/or exact percentages have been withheld as trade secrets.

4. First-aid measures

| | |
|----------------------|---|
| Ingestion: | Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| Inhalation: | Move to fresh air. Call a POISON CENTER/doctor/.../if you feel unwell. |
| Skin Contact: | Remove contaminated/saturated clothing and shoes. Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention. |
| Eye contact: | Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention. |

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Get medical attention as appropriate or if symptoms persist.

5. Fire-fighting measures

General Fire Hazards: Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, fog, CO₂, dry chemical, or regular foam. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Avoid water in straight hose stream as this will scatter and spread fire.

Specific hazards arising from the chemical: Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.



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Special protective equipment and precautions for firefighters

Special fire fighting procedures:

No data available.

Special protective equipment for fire-fighters:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. Keep unauthorized personnel away. Ensure adequate ventilation. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Methods and material for containment and cleaning up:

Absorb spill with an inert material, then place in a container for safe and proper disposal. Eliminate all ignition sources if safe to do so. Dike far ahead of larger spill for later recovery and disposal. Use only non-sparking tools.

Environmental Precautions:

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Precautions for safe handling:

Observe good industrial hygiene practices. Wear appropriate personal protective equipment. Do not expose to intense heat as product may expand and pressurize container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take precautionary measures against static discharges. Avoid contact with skin. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

Store locked up. Store in a well-ventilated place. Store in a cool place. Flammable liquid storage.



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8. Exposure controls/personal protection

Exposure Limits

| Chemical name | type | Exposure Limit Values | Source |
|---|------|-----------------------|---|
| Petroleum distillates - Non-aerosol. - as total hydrocarbon vapor | TWA | 200 mg/m ³ | US. ACGIH Threshold Limit Values (03 2012) |
| Paraffin wax - Fume. | TWA | 2 mg/m ³ | US. ACGIH Threshold Limit Values (03 2012) |
| Mineral oil - Mist. | PEL | 5 mg/m ³ | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) |
| Mineral oil - Mist. | STEL | 10 mg/m ³ | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) |
| Barium compound - as Ba | TWA | 0.5 mg/m ³ | US. ACGIH Threshold Limit Values (03 2012) |
| Barium compound - as Ba | PEL | 0.5 mg/m ³ | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |

Protective Measures:

Use explosion-proof ventilation equipment. Good general ventilation should be provided. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide easy access to water supply and eye wash facilities.

Respiratory Protection:

In case of inadequate ventilation use suitable respirator. Seek advice from supervisor on the company's respiratory protection standards.

Eye Protection:

Wear safety glasses with side shields (or goggles).

Skin and Body Protection:

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. Discard contaminated footwear that cannot be cleaned. Avoid contact with skin, eyes, and clothing.

9. Physical and chemical properties

Appearance

Physical state:

Liquid

Form:

No data available.

Color:

Amber

Odor:

Mild petroleum

Odor threshold:

No data available.



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| | |
|--|---|
| pH: | No data available. |
| Melting point/freezing point: | No data available. |
| Initial boiling point and boiling range: | No data available. |
| Flash Point: | 40.56 °C (105.01 °F) |
| Evaporation rate: | No data available. |
| Flammability (solid, gas): | No data available. |
| Upper/lower limit on flammability or explosive limits | |
| Flammability limit - upper (%): | No data available. |
| Flammability limit - lower (%): | No data available. |
| Explosive limit - upper (%): | No data available. |
| Explosive limit - lower (%): | No data available. |
| Vapor pressure: | No data available. |
| Vapor density: | No data available. |
| Relative density: | 0.81 |
| Solubility(ies) | |
| Solubility in water: | Insoluble |
| Solubility (other): | No data available. |
| Partition coefficient (n-octanol/water): | No data available. |
| Auto-ignition temperature: | No data available. |
| Decomposition temperature: | No data available. |
| Viscosity: | 8.2 mm ² /s (40 °C) |
| Other information | |
| VOC: | 80 % (Method 24) 635.63 g/l (ASTM E 1868-10) |

10. Stability and reactivity

| | |
|--|---|
| Reactivity: | Not reactive during normal use. |
| Chemical Stability: | Material is stable under normal conditions. |
| Possibility of hazardous reactions: | None under normal conditions. |
| Conditions to avoid: | Heat, sparks, flames. |
| Incompatible Materials: | No data available. |
| Hazardous Decomposition Products: | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

11. Toxicological information



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Information on likely routes of exposure

| | |
|----------------------|---|
| Ingestion: | Harmful if swallowed. Ingestion may result in vomiting; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis. |
| Inhalation: | Harmful if inhaled. |
| Skin Contact: | Causes skin irritation. |
| Eye contact: | May irritate eyes. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|----------------------|--------------------|
| Ingestion: | No data available. |
| Inhalation: | No data available. |
| Skin Contact: | No data available. |
| Eye contact: | No data available. |

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

| | |
|-------------------------------|---|
| Oral | |
| Product: | ATEmix (): > 5000 mg/kg |
| Dermal | |
| Product: | ATEmix (): 2000 - 5000 mg/kg |
| Inhalation | |
| Product: | ATEmix (, 4 h): > 5 mg/l Dusts, mists and fumes |
| Repeated dose toxicity | |
| Product: | No data available. |

Skin Corrosion/Irritation

| | |
|-----------------|--------------------|
| Product: | No data available. |
|-----------------|--------------------|

Serious Eye Damage/Eye Irritation

| | |
|-----------------|--------------------|
| Product: | No data available. |
|-----------------|--------------------|

Respiratory or Skin Sensitization

| | |
|-----------------|--------------------|
| Product: | No data available. |
|-----------------|--------------------|

Carcinogenicity

| | |
|-----------------|--------------------|
| Product: | No data available. |
|-----------------|--------------------|



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IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity**In vitro**

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: May be fatal if swallowed and enters airways.

Other effects: No data available.

12. Ecological information

General information: This product has not been evaluated for ecological toxicity or other environmental effects.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. It is the responsibility of the product user or owner to determine at the time of disposal, which waste regulations must be applied.

Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.



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14. Transport information

DOT

| | |
|-------------------------------|---|
| UN Number: | NA 1993 |
| UN Proper Shipping Name: | Combustible liquid, n.o.s.(Petroleum distillates) |
| Transport Hazard Class(es) | |
| Class: | CBL |
| Label(s): | NONE |
| Packing Group: | III |
| Marine Pollutant: | No |
| Special precautions for user: | — |

IMDG

| | |
|-------------------------------|---|
| UN Number: | UN 1993 |
| UN Proper Shipping Name: | FLAMMABLE LIQUID, N.O.S.(Petroleum distillates) |
| Transport Hazard Class(es) | |
| Class: | 3 |
| Label(s): | 3 |
| EmS No.: | F-E, S-E |
| Packing Group: | III |
| Marine Pollutant: | Not regulated. |
| Special precautions for user: | — |

IATA

| | |
|-------------------------------|---|
| UN Number: | UN 1993 |
| Proper Shipping Name: | Flammable liquid, n.o.s.(Petroleum distillates) |
| Transport Hazard Class(es): | |
| Class: | 3 |
| Label(s): | 3 |
| Packing Group: | III |
| Environmental Hazards | Not regulated. |
| Special precautions for user: | — |
| Other information | |
| Passenger and cargo aircraft: | Allowed. |
| Cargo aircraft only: | Allowed. |

15. Regulatory information

US Federal Regulations

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Fire Hazard

Immediate (Acute) Health Hazards



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SARA 313 (TRI Reporting)

| <u>Chemical Identity</u> | <u>Reporting threshold for other users</u> | <u>Reporting threshold for manufacturing and processing</u> |
|--------------------------|--|---|
| Barium compound | 10000 lbs | 25000 lbs. |
| Barium compound | 10000 lbs | 25000 lbs. |

US State Regulations

US. California Proposition 65

No component is regulated by CA Prop 65.

16. Other information, including date of preparation or last revision

Issue Date: 09.08.2016

Revision Date: 09.08.2016

Version #: 1.1

Further Information: No data available.

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.