



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

1. Identification

Product name ANTICORIT WOK 50

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

Health Hazards

Acute toxicity (Dermal)	Category 4
Acute toxicity (Inhalation - vapor)	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1

Label Elements

Hazard Symbol:



Signal Word: Danger



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

Hazard Statement: Causes skin irritation.
Causes serious eye damage.
Harmful in contact with skin or if inhaled.

Precautionary Statements

Prevention: Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Immediately call a POISON CENTER/doctor. Specific treatment (see this label). Wash contaminated clothing before reuse.

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	24.69 %
Acute toxicity, dermal	24.6 %
Acute toxicity, inhalation, vapor	94.85 %
Acute toxicity, inhalation, dust or mist	99.53 %

3. Composition/information on ingredients

Hazardous Component(s):

Chemical name	CAS-No.	Concentration
Mineral oil	Confidential	40 - 70%
Calcium Salt	Confidential	1 - 5%
2-butoxyethanol	111-76-2	1 - 5%
Polyethylene glycol	Confidential	1 - 5%
Nonylphenol ethoxylate	Confidential	3 - 5%
Fatty Acid	Confidential	1 - 5%
Benzenesulfonic acid	Confidential	3 - 5%
Monoethanolamine	141-43-5	1 - 3%
Barium compound	Confidential	0.1 - 1%

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



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

4. First-aid measures

Ingestion:	Call a POISON CENTER/doctor/.../if you feel unwell. Rinse mouth.
Inhalation:	Call a POISON CENTER/doctor/.../if you feel unwell. Move to fresh air.
Skin Contact:	Remove contaminated/saturated clothing and shoes. Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention. Call a POISON CENTER/doctor/.../if you feel unwell. Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

Most important symptoms/effects, acute and delayed

Symptoms:	No data available.
------------------	--------------------

Indication of immediate medical attention and special treatment needed

Treatment:	Symptoms may be delayed.
-------------------	--------------------------

5. Fire-fighting measures

General Fire Hazards:	No unusual fire or explosion hazards noted.
------------------------------	---

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Water spray, fog, CO ₂ , dry chemical, or regular foam. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical:	Heat may cause the containers to explode. During fire, gases hazardous to health may be formed.
--	---

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.
--	--



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

6. Accidental release measures

**Personal precautions,
protective equipment and
emergency procedures:**

Ventilate closed spaces before entering them. See Section 8 of the SDS for Personal Protective Equipment. Keep upwind. Keep unauthorized personnel away. 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. Dike far ahead of larger spill for later recovery and disposal.

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. Contains amines. Do not add sodium nitrite or other nitrosating agents which may form cancer causing nitrosamines. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Use caution when adding this material to water.

**Conditions for safe storage,
including any
incompatibilities:**

Keep container tightly closed. Store locked up. Store in a well-ventilated place.



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

8. Exposure controls/personal protection

Exposure Limits

Chemical name	type	Exposure Limit Values	Source
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)
2-butoxyethanol	TWA	20 ppm	US. ACGIH Threshold Limit Values (03 2012)
2-butoxyethanol	PEL	50 ppm 240 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Monoethanolamine	TWA	3 ppm	US. ACGIH Threshold Limit Values (03 2012)
Monoethanolamine	STEL	6 ppm	US. ACGIH Threshold Limit Values (03 2012)
Monoethanolamine	STEL	6 ppm 15 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Monoethanolamine	TWA	3 ppm 8 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
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:

Provide easy access to water supply and eye wash facilities. 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.

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. Contaminated work clothing should be laundered prior to re-use. Discard contaminated footwear that cannot be cleaned. Avoid contact with skin, eyes, and clothing.

9. Physical and chemical properties



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

Appearance

Physical state:	Liquid
Form:	No data available.
Color:	Amber
Odor:	Petroleum
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	148.89 °C (300.00 °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:	0.94
Solubility(ies)	
Solubility in water:	Emulsifiable in water
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:	65.0 mm ² /s (40 °C)

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:	Avoid heat or contamination.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

11. Toxicological information

Information on likely routes of exposure

- Ingestion:** Harmful if swallowed. May be ingested by accident. Ingestion may cause irritation and malaise.
- Inhalation:** Inhalation is the primary route of exposure. In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. May cause irritation to the respiratory system. Harmful if inhaled.
- Skin Contact:** Prolonged skin contact may cause redness and irritation. Causes severe skin burns. Harmful in contact with skin.
- Eye contact:** Causes serious eye damage.

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 (): 1000 - 2000 mg/kg
- Inhalation**
Product: ATEmix (, 4 h): 10 - 20 mg/l Vapour
- 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:** May cause an allergic skin reaction.



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

Carcinogenicity

Product: No data available.

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: No data available.

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.



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

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

14. Transport information

DOT

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

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

Immediate (Acute) Health Hazards

SARA 313 (TRI Reporting)

<u>Chemical Identity</u>	<u>Reporting threshold for other users</u>	<u>Reporting threshold for manufacturing and processing</u>
2-butoxyethanol	10000 lbs	25000 lbs.
Nonylphenol ethoxylate	10000 lbs	25000 lbs.

US State Regulations

US. California Proposition 65

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

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

Issue Date: 14.09.2016

Revision Date: 14.09.2016

Version #: 1.1

Further Information: No data available.



LUBRICANTS.
TECHNOLOGY.
PEOPLE.

SAFETY DATA SHEET

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.