According to ABNT NBR 14725-4 - BR



SUPRA 32

Version **Revision Date:** Date of last issue: -Print Date: Date of first issue: 10.01.2024 11.01.2024 10.01.2024 1.0

# **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : SUPRA 32

Article-No. 340466

Manufacturer or supplier's details

Company name of supplier Klüber Lubrication NA LP

> 9010 County Road 2120 Tyler, Texas 75707

USA

Phone: +1 903 534 8021 Fax: +1 903 581 4376

32 Industrial Drive Londonderry, NH 03053

USA

Phone: +1 603 647 4104 Fax: +1 603 647 4106

E-mail address of person

responsible for the SDS

: mcm@us.kluber.com

National contact

Emergency telephone number : 0800 745 1200

+49 89 7876 700 (24 hrs)

Recommended use of the chemical and restrictions on use

Lubricating oil Recommended use

Restrictions on use Restricted to professional users.

### **SECTION 2. HAZARDS IDENTIFICATION**

GHS Classification in accordance with ABNT NBR 14725 Standard

Short-term (acute) aquatic Category 3

hazard

GHS label elements in accordance with ABNT NBR 14725 Standard

Hazard statements H402 Harmful to aquatic life.

Precautionary statements Prevention:

P273 Avoid release to the environment.

According to ABNT NBR 14725-4





# SUPRA 32

VersionRevision Date:Date of last issue: -Print Date:1.010.01.2024Date of first issue: 10.01.202411.01.2024

# Other hazards which do not result in classification

None known.

# **Additional Labelling**

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

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 soap and water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

If symptoms persist, call a physician.

In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

Do not flush into surface water or sanitary sewer system.

Store in a well-ventilated place. Keep cool.

Dispose of contents/ container to an approved waste disposal plant.

Refer to manufacturer/ supplier for information on recovery/ recycling.

FOLLOW THE VEHICLE AND/OR EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

The Safety Data Sheet for this (hazardous) chemical product can be obtained by email: medioambiente@br.klueber.com

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : ester oil

polyalkylene glycol oil

# Components

| Chemical name                             | CAS-No.    | Concentration (% w/w) |
|---|------------|-----------------------|
| Polypropylene glycol (40) butyl ether     | 9003-13-8  | >= 30 -< 50           |
| Polypropylene glycol (40) butyl ether     | 9003-13-8  | >= 20 -< 25           |
| Benzenamine, N-phenyl-, reaction products | 68411-46-1 | >= 1 -< 2,5           |
| with 2,4,4-trimethylpentene               |            |                       |

### **SECTION 4. FIRST AID MEASURES**

If inhaled : Obtain medical attention.

Remove person to fresh air. If signs/symptoms continue, get

medical attention.

Keep patient warm and at rest.

If unconscious, place in recovery position and seek medical

advice.

Keep respiratory tract clear.



According to ABNT NBR 14725-4
- BR



SUPRA 32

Version Revision Date: Date of last issue: - Print Date: 1.0 10.01.2024 Date of first issue: 10.01.2024 11.01.2024

If breathing is irregular or stopped, administer artificial

respiration.

In case of skin contact : Take off all contaminated clothing immediately.

Get medical attention immediately if irritation develops and

persists.

Wash clothing before reuse.

Thoroughly clean shoes before reuse. Wash off immediately with plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids,

for at least 10 minutes.

If eye irritation persists, consult a specialist.

If swallowed: Move the victim to fresh air.

If unconscious, place in recovery position and seek medical

advice.

Keep respiratory tract clear. Do NOT induce vomiting. Obtain medical attention. Rinse mouth with water.

Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and

delayed

No information available.

None known.

Notes to physician : No information available.

### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or

carbon dioxide.

Unsuitable extinguishing

media

High volume water jet

Hazardous combustion

products

Carbon oxides

Nitrogen oxides (NOx)

Specific extinguishing

methods

Standard procedure for chemical fires.

Special protective equipment:

for firefighters

In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

Exposure to decomposition products may be a hazard to

health.

According to ABNT NBR 14725-4
- BR



SUPRA 32

Version Revision Date: Date of last issue: - Print Date: 1.0 10.01.2024 Date of first issue: 10.01.2024 11.01.2024

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures Evacuate personnel to safe areas.
Use personal protective equipment.

Ensure adequate ventilation.

Do not breathe vapours or spray mist.

Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to

local / national regulations (see section 13).

### **SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Do not breathe vapours or spray mist.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the

application area.

Wash hands and face before breaks and immediately after

handling the product.

Do not get in eyes or mouth or on skin.

Do not get on skin or clothing.

Do not ingest. Do not repack.

Do not re-use empty containers.

These safety instructions also apply to empty packaging which

may still contain product residues. Keep container closed when not in use.

Hygiene measures : Wash face, hands and any exposed skin thoroughly after

handling.

Conditions for safe storage : Store in original container.

Keep container closed when not in use. Keep in a dry, cool and well-ventilated place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

Store in accordance with the particular national regulations.

Keep in properly labelled containers.



According to ABNT NBR 14725-4 - BR



**SUPRA 32** 

Version Revision Date: Date of last issue: - Print Date: 1.0 10.01.2024 Date of first issue: 10.01.2024 11.01.2024

# **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : Handle only in a place equipped with local exhaust (or other

appropriate exhaust).

Personal protective equipment

Respiratory protection : Not required; except in case of aerosol formation.

Filter type : Filter type A-P

Hand protection

Material : Nitrile rubber
Break through time : > 10 min
Protective index : Class 1

Remarks : Wear protective gloves. The break through time depends

amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each

case.

Eye protection : Safety glasses with side-shields

Skin and body protection : Choose body protection in relation to its type, to the

concentration and amount of dangerous substances, and to

the specific work-place.

Protective measures : The type of protective equipment must be selected according

to the concentration and amount of the dangerous substance

at the specific workplace.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Colour : yellow

Odour : characteristic

Odour Threshold : No data available

pH : Not applicable

According to ABNT NBR 14725-4 - BR



SUPRA 32

Version Revision Date: Date of last issue: - Print Date: 1.0 10.01.2024 Date of first issue: 10.01.2024 11.01.2024

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : > 230 °C

Method: ISO 2592, open cup

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Self-ignition : No data available

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower

flammability limit

No data available

Vapour pressure : < 0,001 hPa (20 °C)

Relative vapour density : No data available

Relative density : 0,96 (20 °C)

Reference substance: Water The value is calculated

Density : 0,96 g/cm3 (20 °C)

Bulk density : No data available

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Auto-ignition temperature : > 385 °C

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : 38 mm2/s (40 °C)

According to ABNT NBR 14725-4



SUPRA 32

Version Revision Date: Date of last issue: - Print Date: 1.0 10.01.2024 Date of first issue: 10.01.2024 11.01.2024

Explosive properties : Not explosive

Oxidizing properties : No data available

Sublimation point : No data available

# **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No hazards to be specially mentioned.

Chemical stability : Stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid : No conditions to be specially mentioned.

Incompatible materials : No materials to be especially mentioned.

Hazardous decomposition

products

No decomposition if stored and applied as directed.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

# **Acute toxicity**

**Product:** 

Acute oral toxicity : Acute toxicity estimate: > 5.000 mg/kg

Method: Calculation method

Acute inhalation toxicity : Remarks: This information is not available.

Acute dermal toxicity : Remarks: This information is not available.

# Components:

Polypropylene glycol (40) butyl ether:

Acute oral toxicity : LD50 (Rat): 3.815 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 8.000 mg/kg

### Polypropylene glycol (40) butyl ether:

According to ABNT NBR 14725-4 - BR



SUPRA 32

VersionRevision Date:Date of last issue: -Print Date:1.010.01.2024Date of first issue: 10.01.202411.01.2024

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 19.780 mg/kg

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg

Method: OECD Test Guideline 402

Assessment: The substance or mixture has no acute dermal

toxicity

Skin corrosion/irritation

**Product:** 

Remarks : This information is not available.

**Components:** 

Polypropylene glycol (40) butyl ether:

Species : Rabbit

Assessment : No skin irritation Result : No skin irritation

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

Result : No skin irritation

Serious eye damage/eye irritation

**Product:** 

Remarks : This information is not available.

**Components:** 

Polypropylene glycol (40) butyl ether:

Species : Rabbit



According to ABNT NBR 14725-4



SUPRA 32

VersionRevision Date:Date of last issue: -Print Date:1.010.01.2024Date of first issue: 10.01.202411.01.2024

Result : No eye irritation
Assessment : No eye irritation

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Species : Rabbit

Result : No eye irritation
Assessment : No eye irritation

Method : OECD Test Guideline 405

Respiratory or skin sensitisation

**Product:** 

Remarks : This information is not available.

**Components:** 

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Species : Guinea pig

Assessment : Did not cause sensitisation on laboratory animals.

Method : OECD Test Guideline 406

Result : Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

**Product:** 

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Carcinogenicity

**Product:** 

Remarks : No data available

Reproductive toxicity

**Product:** 

Effects on fertility : Remarks: No data available

Effects on foetal : Remarks: No data available

According to ABNT NBR 14725-4 - BR



**SUPRA 32** 

VersionRevision Date:Date of last issue: -Print Date:1.010.01.2024Date of first issue: 10.01.202411.01.2024

development

**Components:** 

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Reproductive toxicity -

: - Fertility -

Assessment

Some evidence of adverse effects on sexual function and

fertility, based on animal experiments.

STOT - single exposure

**Product:** 

Remarks : No data available

STOT - repeated exposure

**Product:** 

Remarks : No data available

Repeated dose toxicity

**Product:** 

Remarks : This information is not available.

**Aspiration toxicity** 

**Product:** 

This information is not available.

**Components:** 

Polypropylene glycol (40) butyl ether:

No aspiration toxicity classification

Polypropylene glycol (40) butyl ether:

No aspiration toxicity classification

**Further information** 

**Product:** 

According to ABNT NBR 14725-4 - BR



SUPRA 32

VersionRevision Date:Date of last issue: -Print Date:1.010.01.2024Date of first issue: 10.01.202411.01.2024

Remarks : Information given is based on data on the components and

the toxicology of similar products.

### **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity** 

**Product:** 

Toxicity to fish

Remarks: Harmful to aquatic organisms.

Toxicity to daphnia and other :

aquatic invertebrates

Remarks: No data available

Toxicity to algae/aquatic

plants

Remarks: No data available

Toxicity to microorganisms : Remarks: No data available

**Components:** 

Polypropylene glycol (40) butyl ether:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 86 mg/l

Exposure time: 96 h Test Type: static test

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 250 mg/l

Exposure time: 48 h Test Type: static test

Polypropylene glycol (40) butyl ether:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 37 mg/l

Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 203

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 69 mg/l

Exposure time: 48 h Test Type: static test

Method: OECD Test Guideline 202

According to ABNT NBR 14725-4 - BR



**SUPRA 32** 

Version Revision Date: Date of last issue: - Print Date: 1.0 10.01.2024 Date of first issue: 10.01.2024 11.01.2024

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 100 mg/l

Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 203

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 51 mg/l

Exposure time: 48 h Test Type: static test

Method: OECD Test Guideline 202

Toxicity to algae/aquatic

plants

EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l

Exposure time: 72 h Test Type: static test

Method: OECD Test Guideline 201

# Persistence and degradability

**Product:** 

Biodegradability : Remarks: No data available

Physico-chemical

removability

Remarks: No data available

# **Components:**

# Polypropylene glycol (40) butyl ether:

Biodegradability : Result: rapidly biodegradable

Biodegradation: 99 % Exposure time: 28 d

Method: OECD Test Guideline 301B

# Polypropylene glycol (40) butyl ether:

Biodegradability : Result: rapidly biodegradable

Biodegradation: 85 % Exposure time: 28 d

Method: OECD Test Guideline 301B

### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Biodegradability : aerobic

According to ABNT NBR 14725-4 - BR



SUPRA 32

VersionRevision Date:Date of last issue: -Print Date:1.010.01.2024Date of first issue: 10.01.202411.01.2024

Inoculum: activated sludge Result: Not rapidly biodegradable

Biodegradation: 1 % Exposure time: 28 d

Method: OECD Test Guideline 301B

GLP: yes

# **Bioaccumulative potential**

**Product:** 

Bioaccumulation : Remarks: This mixture contains no substance considered to

be persistent, bioaccumulating and toxic (PBT).

This mixture contains no substance considered to be very

persistent and very bioaccumulating (vPvB).

# **Components:**

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

Partition coefficient: n-

octanol/water

: log Pow: 7,11

# Mobility in soil

**Product:** 

Mobility : Remarks: No data available

Distribution among

environmental compartments

Remarks: No data available

### Other adverse effects

**Product:** 

Additional ecological

information

No information on ecology is available.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods** 

Waste from residues : The product should not be allowed to enter drains, water

courses or the soil.

Do not dispose of with domestic refuse.

Dispose of as hazardous waste in compliance with local and

national regulations.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as

According to ABNT NBR 14725-4 - BR



**SUPRA 32** 

VersionRevision Date:Date of last issue: -Print Date:1.010.01.2024Date of first issue: 10.01.202411.01.2024

the unused product.

Dispose of waste product or used containers according to

local regulations.

### **SECTION 14. TRANSPORT INFORMATION**

### International Regulations

### **UNRTDG**

Not regulated as a dangerous good

# **IATA-DGR**

Not regulated as a dangerous good

### **IMDG-Code**

Not regulated as a dangerous good

# Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

# **National Regulations**

### **ANTT**

Not regulated as a dangerous good

# Special precautions for user

Not applicable

### **SECTION 15. REGULATORY INFORMATION**

# Safety, health and environmental regulations/legislation specific for the substance or mixture

Technical Standard ABNT NBR 14725 in conformity with GHS

Decree No. 96.044 of May 18, 1988 and ANTT Resolution No. 5.947 of June 1st, 2021, which approves supplementary instructions to the Regulation for the Transport of Hazardous Products by Road

Law No. 12.305, of August 2, 2010, establishing the National Policy on Solid Waste

Federal Decree No. 2.657 of July 3, 1998 (Promulgates Convention 170 of the International Labor Organization, 1990)

Ordinance No. 229 of May 24, 2011 (Amending Regulatory Standard No. 26 of the Ministry of Labor and Employment)

Resolution No. 362, June 23, 2005, establishes provisions for the gathering, collection and final destination of used or contaminated lubrication oil .

National List of Carcinogenic Agents for Humans -

(LINACH)

Brazil. List of chemicals controlled by the Federal

Police

Not applicable

Not applicable



According to ABNT NBR 14725-4
- BR



SUPRA 32

Version Revision Date: Date of last issue: - Print Date: 1.0 10.01.2024 Date of first issue: 10.01.2024 11.01.2024

International Regulations

Montreal Protocol : Not applicable

Rotterdam Convention (Prior Informed Consent) : Not applicable

Stockholm Convention (Persistent Organic Pollutants) : Not applicable

### **SECTION 16. OTHER INFORMATION**

### **Further information**

### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System: GLP - Good Laboratory Practice: IARC - International Agency for Research on Cancer: IATA - International Air Transport Association: IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations: UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods: vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System



According to ABNT NBR 14725-4 - BR



**SUPRA 32** 

VersionRevision Date:Date of last issue: -Print Date:1.010.01.2024Date of first issue: 10.01.202411.01.2024

This safety data sheet applies only to products as originally packed and labelled. The information contained therein may not be reproduced or modified without our express written permission. Any forwarding of this document is only permitted to the extent required by law. Any further, in particular public, dissemination of the safety data sheet (e.g. as a document for download from the Internet) is not permitted without our express written consent. We provide our customers with amended safety data sheets as prescribed by law. The customer is responsible for passing on safety data sheets and any amendments contained therein to its own customers, employees and other users of the product. We provide no guarantee that safety data sheets received by users from third parties are up-to-date. All information and instructions in this safety data sheet have been compiled to the best of our knowledge and are based on the information available to us on the day of publication. The information provided is intended to describe the product in relation to the required safety measures; it is neither an assurance of characteristics nor a guarantee of the product's suitability for particular applications and does not justify any contractual legal relationship. The existence of a safety data sheet for a particular jurisdiction does not necessarily mean that import or use within that jurisdiction is legally permitted. If you have any questions, please contact your responsible sales contact or authorized trading partner.