

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OKS 601 多功能润滑油，喷剂
Chemical nature : Active substance with propellant
Mineral oil.

Manufacturer or supplier's details

Company name of supplier : OKS Spezialschmierstoffe GmbH
Ganghoferstr. 47
D-82216 Maisach-Gernlinden
Tel.: +49 8142 3051 500
Fax.: +49 8142 3051 599
info@oks-germany.com

E-mail address of person responsible for the SDS : mcm@oks-germany.com

National contact :

Emergency telephone number : +86 532 8388 9090 (NRCC, only for hazardous chemicals)
+86 21 69225521

Recommended use of the chemical and restrictions on use

Recommended use : Lubricant spray
Restrictions on use : Restricted to professional users.

2. HAZARDS IDENTIFICATION

Emergency Overview

| | |
|------------|------------------|
| Appearance | : aerosol |
| Colour | : brown |
| Odour | : characteristic |

Extremely flammable aerosol. Pressurised container: May burst if heated. May be fatal if swallowed and enters airways. Causes mild skin irritation.

GHS Classification

Aerosols : Category 1
Skin irritation : Category 3
Aspiration hazard : Category 1

SAFETY DATA SHEET



according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

GHS label elements

- Hazard pictograms :  
- Signal word : Danger
- Hazard statements : H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H304 May be fatal if swallowed and enters airways.
H316 Causes mild skin irritation.
- Precautionary statements : **Prevention:**
P210 Keep away from heat/ sparks/ open flames/ hot surfaces.
No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
Storage:
P405 Store locked up.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
Disposal:
P501 Dispose of contents/containers according the local government requirements.

Physical and chemical hazards

Extremely flammable aerosol.Pressurised container: May burst if heated.

Health hazards

Causes mild skin irritation. May be fatal if swallowed and enters airways.

Environmental hazards

Not classified based on available information.

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油, 喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Substance / Mixture : Mixture

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|------------|-----------------------|
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | >= 50 -< 70 |
| Butane | 106-97-8 | >= 10 -< 20 |
| propane | 74-98-6 | >= 1 -< 10 |
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 | >= 1 -< 10 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | >= 1 -< 10 |
| Sulfonic acids, petroleum, calcium salts | 61789-86-4 | >= 1 -< 10 |

4. FIRST AID MEASURES

- If inhaled : 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.
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 skin thoroughly with soap and water or use recognized skin cleanser.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.
Seek medical advice.
- If swallowed : Move the victim to fresh air.
Keep respiratory tract clear.
Do NOT induce vomiting.
Obtain medical attention.
Rinse mouth with water.
Aspiration hazard if swallowed - can enter lungs and cause damage.
- Most important symptoms and effects, both acute and delayed : Can be absorbed through skin.
Risk of product entering the lungs on vomiting after ingestion.
Health injuries may be delayed.
Inhalation may provoke the following symptoms:

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Unconsciousness
Dizziness
Drowsiness
Headache
Nausea
Tiredness
Skin contact may provoke the following symptoms:
Erythema
Aspiration may cause pulmonary oedema and pneumonitis.

Notes to physician : Treat symptomatically.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : ABC powder
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Fire Hazard
Do not let product enter drains.
Contains gas under pressure; may explode if heated.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Hazardous combustion products : Carbon oxides
Nitrogen oxides (NO_x)
Sulphur oxides
- Specific extinguishing methods : Standard procedure for chemical fires.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Cool containers/tanks with water spray.
- 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.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Evacuate personnel to safe areas.
Ensure adequate ventilation.
Remove all sources of ignition.
Do not breathe vapours or spray mist.
Refer to protective measures listed in sections 7 and 8.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

- Environmental precautions : Try to prevent the material from entering drains or water courses.
Prevent further leakage or spillage if safe to do so.
Local authorities should be advised if significant spillages cannot be contained.
- 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).
Keep in suitable, closed containers for disposal.
Non-sparking tools should be used.
- Prevention of secondary hazards : Only qualified personnel equipped with suitable protective equipment may intervene.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Do not use in areas without adequate ventilation.
Do not breathe vapours or spray mist.
In case of insufficient ventilation, wear suitable respiratory equipment.
Avoid contact with skin and eyes.
For personal protection see section 8.
Keep away from fire, sparks and heated surfaces.
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 use sparking tools.
These safety instructions also apply to empty packaging which may still contain product residues.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
- Avoidance of contact : Oxidizing agents

Storage

- Conditions for safe storage : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Store in accordance with the particular national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|------------|---------------------------------------|---|-----------------------|
| Butane | 106-97-8 | STEL | 1,000 ppm | ACGIH (2018-03-20) |
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 | TWA (Inhalable particulate matter) | 5 mg/m ³ | ACGIH (2013-03-01) |
| Distillates (petroleum), solvent- dewaxed heavy paraffinic | 64742-65-0 | TWA (Inhalable particulate matter) | 5 mg/m ³ | ACGIH (2013-03-01) |

Engineering measures : Use only in an area equipped with explosion proof exhaust ventilation.
Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Short term only

Filter type : Filter type A-P

Eye/face 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.

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

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

case.

Protective measures : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : aerosol

Colour : brown

Odour : characteristic

Odour Threshold : No data available

pH : Not applicable
substance/mixture is non-soluble (in water)

Melting point/range : No data available

Boiling point/boiling range : < -20 °C
(1,013 hPa)

Flash point : -20 °C
Method: Abel-Pensky, closed cup

Evaporation rate : No data available

Flammability (solid, gas) : Extremely flammable aerosol.

Self-ignition : No data available

Upper explosion limit / Upper flammability limit : 9.4 %(V)

Lower explosion limit / Lower flammability limit : 0.7 %(V)

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

| | | |
|--|---|--|
| Vapour pressure | : | 2,800 hPa (20 °C) |
| Relative vapour density | : | No data available |
| Relative density | : | 0.741 (20 °C) Reference substance: Water The value is calculated |
| Density | : | 0.74 g/cm ³ (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 | : | No data available |
| Decomposition temperature | : | No data available |
| Viscosity | | |
| Viscosity, dynamic | : | No data available |
| Viscosity, kinematic | : | < 20.5 mm ² /s (40 °C) |
| Explosive properties | : | Not explosive |
| Oxidizing properties | : | No data available |
| Sublimation point | : | No data available |
| Metal corrosion rate | : | Not corrosive to metals |

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 | : | Heat, flames and sparks. Strong sunlight for prolonged periods. |

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Risk of receptacle bursting.

Incompatible materials : Oxidizing agents

Hazardous decomposition products : No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

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

Acute inhalation toxicity : Symptoms: Inhalation may provoke the following symptoms:
Respiratory disorder

Acute dermal toxicity : Remarks: Prolonged or repeated skin contact with liquid may
cause defatting resulting in drying, redness and possible
blistering.

Symptoms: Skin disorders

Components:

Naphtha (petroleum), hydrotreated heavy:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Method: OECD Test Guideline 402

Butane:

Acute inhalation toxicity : LC50 (Rat): 658 mg/l
Exposure time: 4 h
Test atmosphere: gas

Distillates (petroleum), hydrotreated heavy paraffinic:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 401

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

GLP: yes

Acute inhalation toxicity : LC50 (Rat): > 5.53 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Method: OECD Test Guideline 402

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Method: OECD Test Guideline 402

Skin corrosion/irritation

Product:

Remarks : This information is not available.

Components:

Naphtha (petroleum), hydrotreated heavy:

Species : Rabbit
Assessment : No skin irritation
Method : OECD Test Guideline 404
Result : Mild skin irritation

Result : Repeated exposure may cause skin dryness or cracking.

Distillates (petroleum), hydrotreated heavy paraffinic:

Species : Rabbit
Assessment : No skin irritation
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Species : Rabbit
Assessment : No skin irritation
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

Serious eye damage/eye irritation

Product:

Remarks : Contact with eyes may cause irritation.

Components:

Naphtha (petroleum), hydrotreated heavy:

Species : Rabbit
Result : No eye irritation
Assessment : No eye irritation
Method : OECD Test Guideline 405

Distillates (petroleum), hydrotreated heavy paraffinic:

Species : Rabbit
Result : No eye irritation
Assessment : No eye irritation
Method : OECD Test Guideline 405
GLP : yes

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Species : Rabbit
Result : No eye irritation
Assessment : No eye irritation
Method : OECD Test Guideline 405
GLP : yes

Respiratory or skin sensitisation

Product:

Remarks : This information is not available.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Components:

Naphtha (petroleum), hydrotreated heavy:

Species : Guinea pig
Assessment : Does not cause skin sensitisation.
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.

Distillates (petroleum), hydrotreated heavy paraffinic:

Species : Guinea pig
Assessment : Does not cause skin sensitisation.
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.
GLP : yes

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Species : Guinea pig
Assessment : Does not cause skin sensitisation.
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.
GLP : yes

Sulfonic acids, petroleum, calcium salts:

Assessment : The product is a skin sensitiser, sub-category 1B.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Components:

Naphtha (petroleum), hydrotreated heavy:

Germ cell mutagenicity - Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Genotoxicity in vitro : Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative

Genotoxicity in vivo : Species: Mouse
Application Route: Oral
Method: OECD Test Guideline 474
Result: negative

Carcinogenicity

Product:

Remarks : No data available

Components:

Naphtha (petroleum), hydrotreated heavy:

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

Distillates (petroleum), hydrotreated heavy paraffinic:

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Species : Mouse
Application Route : Dermal
Method : OECD Test Guideline 451
Result : negative

Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

Components:

Naphtha (petroleum), hydrotreated heavy:

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Reproductive toxicity - Assessment : - Fertility -
No toxicity to reproduction
- Teratogenicity -
No toxicity to reproduction

Distillates (petroleum), hydrotreated heavy paraffinic:

Reproductive toxicity - Assessment : - Fertility -
No toxicity to reproduction

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Effects on foetal development : Species: Rat
Application Route: Dermal
General Toxicity Maternal: NOAEL: 30 mg/kg body weight
Developmental Toxicity: NOAEL: 30 mg/kg body weight
Method: OECD Test Guideline 414

STOT - single exposure

Product:

Remarks : No data available

Components:

Naphtha (petroleum), hydrotreated heavy:

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Product:

Remarks : No data available

Components:

Naphtha (petroleum), hydrotreated heavy:

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Repeated dose toxicity

Product:

Remarks : This information is not available.

Aspiration toxicity

Product:

May be fatal if swallowed and enters airways.

May be fatal if swallowed and enters airways.

Components:

Naphtha (petroleum), hydrotreated heavy:

May be fatal if swallowed and enters airways.

Distillates (petroleum), hydrotreated heavy paraffinic:

No aspiration toxicity classification

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

No aspiration toxicity classification

Further information

Product:

Remarks : Information given is based on data on the components and the toxicology of similar products.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish :
Remarks: No data available

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

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:

Naphtha (petroleum), hydrotreated heavy:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l
Exposure time: 72 h

Distillates (petroleum), hydrotreated heavy paraffinic:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l
Exposure time: 48 h
Test Type: Immobilization
Method: OECD Test Guideline 202
GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 10 mg/l
Exposure time: 21 d
Test Type: semi-static test
Method: OECD Test Guideline 211
GLP: yes

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 10 mg/l
Exposure time: 21 d

Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Physico-chemical removability : Remarks: No data available

Components:

Distillates (petroleum), hydrotreated heavy paraffinic:

Biodegradability : aerobic
Inoculum: activated sludge
Result: Not rapidly biodegradable
Biodegradation: 3 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
GLP: yes

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Biodegradability : aerobic
Inoculum: activated sludge

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Result: Not rapidly biodegradable
Biodegradation: 31 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
GLP: yes

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: Product does not contain substances which are persistent, bioaccumulative, and toxic (PBT) at levels of 0.1% or higher.
Product does not contain substances which are very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Components:

Butane:

Partition coefficient: n-octanol/water : log Pow: 2.89
Method: OECD Test Guideline 107

propane:

Partition coefficient: n-octanol/water : log Pow: 2.36

Distillates (petroleum), hydrotreated heavy paraffinic:

Partition coefficient: n-octanol/water : log Pow: > 2

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.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Components:

Naphtha (petroleum), hydrotreated heavy:

Results of PBT and vPvB assessment : Non-classified PBT substance Non-classified vPvB substance

Distillates (petroleum), hydrotreated heavy paraffinic:

Results of PBT and vPvB assessment : Non-classified vPvB substance Non-classified PBT substance

13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : 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 the unused product.
Offer empty spray cans to an established disposal company.
Pressurized container: Do not pierce or burn, even after use.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

- UN number : UN 1950
Proper shipping name : AEROSOLS
Class : 2.1
Packing group : Not assigned by regulation
Labels : 2.1

IATA-DGR

- UN/ID No. : UN 1950
Proper shipping name : Aerosols, flammable
Class : 2.1
Packing group : Not assigned by regulation
Labels : Flammable Gas
Packing instruction (cargo aircraft) : 203
Packing instruction (passenger aircraft) : 203

IMDG-Code

- UN number : UN 1950

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

Proper shipping name : AEROSOLS
Class : 2.1
Packing group : Not assigned by regulation
Labels : 2.1
EmS Code : F-D, S-U
Marine pollutant : no

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

Not applicable for product as supplied.

National Regulations

GB 6944/12268

UN number : UN 1950
Proper shipping name : AEROSOLS
Class : 2.1
Packing group : Not assigned by regulation
Labels : 2.1

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

15. REGULATORY INFORMATION

National regulatory information

Law on the Prevention and Control of Occupational Diseases

Regulations on Safety Management of Hazardous Chemicals

Catalogue of Hazardous Chemicals : Listed

Identification of Major Hazard Installations for Hazardous Chemicals (GB 18218)

| No. / Code | Chemical name / Category | Threshold quantity |
|------------|--------------------------|--------------------|
| W3 | Aerosols | 150 t |

Hazardous Chemicals for Priority Management under SAWS : Not applicable

Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

China Severely Restricted Toxic Chemicals (2023) : Not applicable

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

International Regulations

Montreal Protocol : Not applicable
Rotterdam Convention (Prior Informed Consent) : Not applicable
Stockholm Convention (Persistent Organic Pollutants) : Not applicable

The components of this product are reported in the following inventories:

IECSC : On the inventory, or in compliance with the inventory

16. OTHER INFORMATION

Date format : yyyy/mm/dd

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
ACGIH / TWA : 8-hour, time-weighted average
ACGIH / STEL : Short-term exposure limit

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

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519
CN



OKS 601 多功能润滑油，喷剂

Version 2.4 Revision Date: 2024-03-21 Date of last issue: 2022-12-20
Date of first issue: 2013-12-11 Print Date: 2024-03-21

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

Disclaimer

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.