



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: WISURA 3336 | 205-L-FASS

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Metal working

Uses advised against: No uses advised against identified.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier

FUCHS WISURA GmbH
Am Gaswerk 2 – 10
28197 Bremen

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

|| The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

Classification according to Regulation (EC) No 1272/2008 as amended.

Physical Hazards

Flammable liquids

Category 3

H226: Flammable liquid and vapor.

Health Hazards

Aspiration Hazard

Category 1

H304: May be fatal if swallowed and enters airways.

Hazard summary

Physical Hazards:

Can form flammable vapour-air mixtures during the application.

Health Hazards

Product name: WISURA 3336 | 205-L-FASS

Skin Contact: At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

2.2 Label Elements

Contains: Isoparaffines, low viscous



Signal Words: Danger

Hazard Statement(s): H226: Flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.

Precautionary Statement

Prevention: P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Response: P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331: Do NOT induce vomiting.

Disposal: P501: 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.
EUH066: Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards: By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

SECTION 3: Composition/information on ingredients

3.1 Substances

General information: Pure mineral oil

Chemical name: Isoparaffines, low viscous

Identifier: 918-167-1, 928-773-8
REACH Registration No.: 01-2119472146-39

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SECTION 4: First aid measures

General: Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into cloth-pockets.

4.1 Description of first aid measures

Inhalation: Supply fresh air; consult doctor in case of symptoms.

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids.

Skin Contact: Get medical attention if symptoms occur. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with water and soap; pay attention: skin degreasing product.

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.

4.2 Most important symptoms and effects, both acute and delayed: Headache.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

Treatment: Get medical attention if symptoms occur.

SECTION 5: Firefighting 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.

5.1 Extinguishing media

Suitable extinguishing media: CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable tensides added

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

5.2 Special hazards arising from the substance or mixture: Can form explosive vapor-air mixtures at higher temperatures.

5.3 Advice for firefighters

Special fire fighting procedures: No data available.

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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. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

- 6.1 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. In case of spills, beware of slippery floors and surfaces. Keep away from sources of ignition - No smoking.
- 6.2 Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Prevent from spreading (e.g. by binding or oil barriers).
- 6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust).
- 6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.
- Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Ground/bond container and receiving equipment. Take precautionary measures against static discharges. Use only in well-ventilated areas. Risk of vapor concentration on the floor and in low-lying areas.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store locked up. Store in a well-ventilated place. Store in a cool place. Local regulations concerning handling and storage of waterpolluting products have to be followed. The precautions for storing and handling of flammable liquids have to be kept. Local regulations for common storage of flammable liquids have to be followed. Prevent formation of aerosols.
- 7.3 Specific end use(s):** not applicable

Storage Class: 3, Flammable Liquids

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	type	Exposure Limit Values	Source
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Isoparaffines, low viscous	AGW	600 mg/m ³	Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG) (2011)
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8.2 Exposure controls

Appropriate engineering controls:

Good general ventilation (typically 10 air changes per hour) should be used. 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.

Individual protection measures, such as personal protective equipment

General information:

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

Eye/face protection:

Safety glasses (EN 166) recommended during refilling.

Skin protection

Hand Protection:

Nitrile butyl rubber (NBR). Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Other:

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Seek advice from local supervisor.

Thermal hazards:

No data available.

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. Discard contaminated footwear that cannot be cleaned.

Environmental Controls:

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance



Product name: WISURA 3336 | 205-L-FASS

Physical state:	liquid
Form:	liquid
Color:	Colorless
Odor:	Mild
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	56 °C (DIN EN ISO 2719)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)-:	7,0 %(V)
Flammability Limit - Lower (%)-:	0,6 %(V) In use, may form flammable/explosive vapor-air mixture.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Density:	0,76 g/cm ³ (15 °C) (DIN EN ISO 12185)
Solubility(ies)	
Solubility in Water:	The product is insoluble in water.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Kinematic viscosity:	1,7 mm ² /s (40 °C, DIN 51659-2)
Explosive properties:	No data available.
Oxidizing properties:	No data available.
9.2 Other information	
Minimum ignition temperature:	> 200 °C

SECTION 10: Stability and reactivity

10.1 Reactivity:	Stable under normal temperature conditions and recommended use.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of Hazardous Reactions:	None under normal conditions.
10.4 Conditions to Avoid:	Heat, sparks, flames.
10.5 Incompatible Materials:	Strong oxidizing substances. Strong acids. Strong bases.
10.6 Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:

Not classified for acute toxicity based on available data.

Specified substance(s)

Isoparaffines, low viscous No data available.

Dermal

Product:

Not classified for acute toxicity based on available data.

Specified substance(s)

Isoparaffines, low viscous No data available.

Inhalation

Product:

Not classified for acute toxicity based on available data.

Specified substance(s)

Isoparaffines, low viscous No data available.

Repeated dose toxicity

Product:

No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Skin Corrosion/Irritation:

Product:

No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Serious Eye Damage/Eye Irritation:

Product:

No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Respiratory or Skin Sensitization:

Product:

No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

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Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

In vivo

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Aspiration Hazard

Product: May be fatal if swallowed and enters airways.

Specified substance(s)

Isoparaffines, low viscous No data available.

Other Adverse Effects: No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Product name: WISURA 3336 | 205-L-FASS

Fish

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

12.3 Bioaccumulative Potential

Product: No data available.

Specified substance(s)

Isoparaffines, low viscous No data available.

12.4 Mobility in Soil:

No data available.

Known or predicted distribution to environmental compartments

Isoparaffines, low viscous No data available.

12.5 Results of PBT and vPvB assessment:

No data available.



Product name: WISURA 3336 | 205-L-FASS

Isoparaffines, low viscous No data available.

12.6 Other Adverse Effects: No data available.

Water Hazard Class (WGK): WGK 1: slightly water-endangering.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: Dispose in accordance with all applicable regulations.

Disposal methods: Discharge, treatment, or disposal may be subject to national, state, or local laws.

European Waste Codes

Used product: 14 06 03*: other solvents and solvent mixtures

SECTION 14: Transport information

ADR/RID

14.1 UN Number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Isoparaffines, low viscous)
14.3 Transport Hazard Class(es)
 Class: 3
 Label(s): 3
 Hazard No. (ADR): 30
 Tunnel restriction code: (D/E)
14.4 Packing Group: III
14.5 Environmental hazards: –
14.6 Special precautions for user: –

IMDG

14.1 UN Number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Isoparaffines, low viscous)
14.3 Transport Hazard Class(es)
 Class: 3
 Label(s): 3
 EmS No.: F-E, S-E
14.3 Packing Group: III
14.5 Environmental hazards: –
14.6 Special precautions for user: –



Product name: WISURA 3336 | 205-L-FASS

IATA

- 14.1 UN Number: UN 1993
- 14.2 Proper Shipping Name: Flammable liquid, n.o.s.(Isoparaffines, low viscous)
- 14.3 Transport Hazard Class(es):
 - Class: 3
 - Label(s): 3
- 14.4 Packing Group: III
- 14.5 Environmental hazards: –
- 14.6 Special precautions for user: –

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.:

EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

National Regulations

Water Hazard Class (WGK): WGK 1: slightly water-endangering.

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Revision Information: Vertical lines in the margin indicate an amendment.

Wording of the R-phrases and H-statements in section 2 and 3

- H226 Flammable liquid and vapor.
- H304 May be fatal if swallowed and enters airways.

Training information: Follow training instructions when handling this material.

Other information: The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method mentioned in regulation EU 1272/2008 (CLP).

Revision Date: 21.04.2015



Product name: WISURA 3336 | 205-L-FASS

Disclaimer:

The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.