

## **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: WWF-U300**

#### **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**

GEO-Reinigungstechnik GmbH  
Im Garbrock 7  
D-48683 Ahaus - Ottenstein

Telephone:

+49 (0)25 42 / 9555-290 (CENTRAL)

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##### **Contact Person:**

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#### **1.4 Emergency telephone number:**

+49 (0)25 42 / 9555-290 (Monday to Friday from 8:00 a.m. 5:00 p.m.)

### **SECTION 2: Hazards identification**

#### **2.1 Classification of the substance or mixture**

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

**Classification according to Directive 67/548/EEC or 1999/45/EC as amended.**

R65

Harmful: may cause lung damage if swallowed.

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

##### **Health Hazards**

Aspiration Hazard

Category 1

H304: May be fatal if swallowed and enters airways.

**Product name:** WWF-U300

**Hazard summary**

**Physical Hazards:** Can form flammable vapour-air mixtures during the application.

**2.2 Label Elements**

**Contains:** Hydrocarbon solvent, dearomatized, low viscous



**Signal Words:** Danger

**Hazard Statement(s):** H304: May be fatal if swallowed and enters airways.

**Precautionary Statement**

**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.

**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**

**3.2 Mixtures**

**General information:** Mixture based on severely refined mineral base oils with corrosion preventive agents and volatile hydrocarbons.

Chemical name	Concentration *	Identifier	REACH Registration No.	Notes
Hydrocarbon solvent, dearomatized, low viscous	50,00 - <100,00%	918-481-9	01-2119457273-39	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.  
PBT: persistent, bioaccumulative and toxic substance.  
vPvB: very persistent and very bioaccumulative substance.

**Product name:** WWF-U300

### Classification

Chemical name	Classification	
Hydrocarbon solvent, dearomatized, low viscous	DSD:	Xn; R65 R66
	CLP:	Asp. Tox. 1;H304

DSD: Directive 67/548/EEC.  
CLP: Regulation No. 1272/2008.

The full text for all R-phrases and H-statements is displayed in section 16.

## 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:** 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.

### 5.1 Extinguishing media

**Suitable extinguishing media:** CO<sub>2</sub>, 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:** Water with a full water jet.

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

**Product name:** WWF-U300

### 5.3 Advice for firefighters

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** 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:** In case of spills, beware of slippery floors and surfaces. Keep away from sources of ignition - No smoking.

**6.2 Environmental Precautions:** 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.

## SECTION 7: Handling and storage:

**7.1 Precautions for safe handling:** 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. Local regulations concerning handling and storage of hazardous to water 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. Do not heat up to temperatures close to the flash point.

**7.3 Specific end use(s):** not applicable

**Storage Class:** 10, Combustible 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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**Product name:** WWF-U300

Hydrocarbon solvent, dearomatized, low viscous	AGW	300 mg/m <sup>3</sup>	Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace
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## 8.2 Exposure controls

**Product name:** WWF-U300

**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 when handling mineral oil products or chemicals must be observed in any case.

**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**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Yellow
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	not applicable

**Product name:** WWF-U300

<b>Freezing point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	> 61 °C
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%)-:</b>	7,0 % (V)
<b>Flammability Limit - Lower (%)-:</b>	0,6 % (V)
<b>Vapor pressure:</b>	No data available.
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	0,80 g/ml (15,00 °C)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Kinematic viscosity:</b>	1,75 mm <sup>2</sup> /s (40,00 °C)
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.
<b>9.2 Other information</b>	No data available.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Stable under normal temperature conditions and recommended use.
<b>10.2 Chemical Stability:</b>	No data available.
<b>10.3 Possibility of Hazardous Reactions:</b>	None under normal conditions.
<b>10.4 Conditions to Avoid:</b>	Avoid heat or contamination.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing substances. Strong acids. Strong bases.
<b>10.6 Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

#### Oral Product:

Not classified for acute toxicity based on available data.

**Product name:** WWF-U300

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**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous

LD 50 (Rat): > 5.000 mg/kg (OECD 401)

**Dermal**

**Product:**

Not classified for acute toxicity based on available data.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous

LD 50 (Rabbit): > 3.160 mg/kg

**Inhalation**

**Product:**

Not classified for acute toxicity based on available data.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous

No data available.

**Repeated dose toxicity**

**Product:**

No data available.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous

No data available.

**Skin Corrosion/Irritation:**

**Product:**

No data available.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous

No data available.

**Serious Eye Damage/Eye Irritation:**

**Product:**

No data available.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous

No data available.



**Product name:** WWF-U300

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**Respiratory or Skin Sensitization:**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, No data available.  
dearomatized, low  
viscous

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, No data available.  
dearomatized, low  
viscous

**In vivo**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, No data available.  
dearomatized, low  
viscous

**Carcinogenicity**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, No data available.  
dearomatized, low  
viscous

**Reproductive toxicity**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, No data available.  
dearomatized, low  
viscous

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, No data available.  
dearomatized, low  
viscous



**Product name:** WWF-U300

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Product name:** WWF-U300

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous                      No data available.

**Aspiration Hazard**

**Product:**                      May be fatal if swallowed and enters airways.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous                      No data available.

**Other Adverse Effects:**                      No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Fish**

**Product:**                      No data available.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous                      LC 50 (Fish, 96 h): > 1.001 mg/l (OECD 203)

**Aquatic Invertebrates**

**Product:**                      No data available.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous                      EC 50 (Water Flea, 48 h): > 1.000 mg/l (OECD 202)

**Chronic Toxicity**

**Fish**

**Product:**                      No data available.

**Specified substance(s)**

Hydrocarbon solvent,  
dearomatized, low  
viscous                      No data available.

**Aquatic Invertebrates**

**Product:**                      No data available.



**Product name:** WWF-U300

**Specified substance(s)**

Hydrocarbon solvent,

No data available.

**Product name:** WWF-U300

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dearomatized, low  
viscous

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, dearomatized, low viscous  
EC 50 (Alga, 72 h): > 1.000 mg/l (OECD 201)

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, dearomatized, low viscous  
80 % (28 d, OECD 301F) Readily biodegradable

**12.3 Bioaccumulative Potential**

**Product:** No data available.

**Specified substance(s)**

Hydrocarbon solvent, dearomatized, low viscous  
No data available.

**12.4 Mobility in Soil:**

No data available.

**Known or predicted distribution to environmental compartments**

Hydrocarbon solvent, dearomatized, low viscous  
No data available.

**12.5 Results of PBT and vPvB assessment:**

No data available.

Hydrocarbon solvent, dearomatized, low viscous

No data available.

**12.6 Other Adverse Effects:**

No data available.

**Water Hazard Class (WGK):**

WGK 1: slightly water-endangering.

### 13.1 Waste treatment methods

**General information:** Dispose in accordance with all applicable regulations.

**Product name:** WWF-U300

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

**European Waste Codes**

07 06 04\*: other organic solvents, washing liquids and mother liquors

**SECTION 14: Transport information**

**ADR/RID**

14.1 UN Number: —  
 14.2 UN Proper Shipping Name: —  
 14.3 Transport Hazard Class(es)  
   Class: Non-dangerous goods  
   Label(s): —  
   Hazard No. (ADR): —  
   Tunnel restriction code: —  
 14.4 Packing Group: —  
 14.5 Environmental hazards: —  
 14.6 Special precautions for user: —

**ADN**

14.1 UN Number: —  
 14.2 UN Proper Shipping Name: —  
 14.3 Transport Hazard Class(es)  
   Class: Non-dangerous goods  
   Label(s): —  
 14.3 Packing Group: —  
 14.5 Environmental hazards: —  
 14.6 Special precautions for user: —

**IMDG**

14.1 UN Number: —  
 14.2 UN Proper Shipping Name: —  
 14.3 Transport Hazard Class(es)  
   Class: Non-dangerous goods  
   Label(s): —  
   EmS No.: —  
 14.3 Packing Group: —  
 14.5 Environmental hazards: —  
 14.6 Special precautions for user: —

**Product name:** WWF-U300

#### IATA

14.1 UN Number: –  
 14.2 Proper Shipping Name: –  
 14.3 Transport Hazard Class(es):  
     Class: Non-dangerous goods  
     Label(s): –  
 14.4 Packing Group: –  
 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

H304 May be fatal if swallowed and enters airways.  
 R65 Harmful: may cause lung damage if swallowed.  
 R66 Repeated exposure may cause skin dryness or cracking.

**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:** 13.04.2015



**Product name:** WWF-U300

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**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.