

# SAFETY DATA SHEET

acc.to ISO/DIS 11014 for USA

## 1 PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifier

**Product name:** RENOCLEAN GMS 7204

**Other means of identification:** For further information, please refer to section 9 of the SDS.

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

**Identified uses:** Solvent-based cleaner

**Uses advised against:** No uses advised against identified.

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer / Supplier

Fuchs Schmierstoffe GmbH  
Friesenheimer Str. 19  
68169 Mannheim

US Distributor  
Fuchs Lubricants Co.  
17050 Lathrop Avenue  
Harvey, IL 60426  
(708) 333-8900  
(800) 255-3924 24 hrs Emergency

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### 1.4 US contact telephone :

708-333-8900

### Emergency telephone:

800-255-3924

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Physical Hazards

Aerosols

Category 3

#### Hazard summary

#### Physical Hazards:

Aerosols

**Product name:** RENOCLEAN GMS 7204

## 2.2 Label Elements

**Signal Words:** Warning

**Hazard Statement(s):** H229: Pressurized container: May burst if heated.

### Precautionary Statements

**Prevention:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251: Do not pierce or burn, even after use.

**Storage:** P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

**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.

**Unknown toxicity:** Due to information available product does not contain any ingredients of unknown toxicity.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixtures

**General information:** Mixture of components with propellant in aerosol can.

Chemical name	Identifier	Concentration *	Notes
Carbon Dioxide	124-38-9	1.00 - <5.00%	

\* 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.

### Classification

Chemical name	Identifier	Classification
Carbon Dioxide	124-38-9	Press. Gas Compr. Gas;H280

## 4 FIRST AID MEASURES

**General:** Instantly remove any clothing soiled by the product.

### 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.

**Product name:** RENOCLEAN GMS 7204

**Skin Contact:** Wash with soap and water.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** Dizziness Freeze burns

**4.3 Indication of any immediate medical attention and special treatment needed** Get medical attention if symptoms occur.

## SECTION 5: Firefighting measures

### 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 surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

**5.2 Special hazards arising from the substance or mixture:** Danger of explosion with aerosol cans.

### 5.3 Advice for firefighters

**Special fire fighting procedures:** Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

**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:** Not required.

**6.2 Environmental Precautions:** Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.

**6.3 Methods and material for containment and cleaning up:** Scrape up spillage or absorb with absorbing material. Stop the flow of material, if this is without risk. Dispose of the material collected according to regulations.

**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.

**Product name:** RENOCLEAN GMS 7204

## SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Avoid contact with flame and heat source, prevent contact with direct sunlight Use only in well-ventilated areas.
- 7.2 Conditions for safe storage, including any incompatibilities:** Local regulations concerning handling and storage of waterpolluting products have to be followed. Local regulations for the storage and handling of aerosol cans and flammable liquids have to be kept. Keep away from heat/sparks/hot surfaces. - No smoking.
- 7.3 Specific end use(s):** Not applicable

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1.Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Carbon Dioxide	PEL	5,000 ppm 9,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
Carbon Dioxide	STEL	30,000 ppm 54,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
Carbon Dioxide	TWA	10,000 ppm 18,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
Carbon Dioxide	TWA	5,000 ppm	US. ACGIH Threshold Limit Values, as amended (02 2012)
Carbon Dioxide	STEL	30,000 ppm	US. ACGIH Threshold Limit Values, as amended (02 2012)

### 8.2.Exposure controls

**Appropriate engineering controls:** Provide adequate ventilation. 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:** Goggles/face shield are recommended.

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#### **Skin protection**

##### **Hand Protection:**

Material: Nitrile butyl rubber (NBR).  
Min. Breakthrough time:  $\geq 480$  min  
Recommended thickness of the material:  $\geq 0.38$  mm

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:**

Do not breathe dust/fume/gas/mist/vapors/spray. Provide adequate ventilation. In case of inadequate ventilation wear respiratory protection. Filter A/P2.

##### **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.

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

<b>Physical state:</b>	Aerosols
<b>Form:</b>	Aerosols
<b>Color:</b>	Colorless
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	Not applicable for mixtures
<b>pH:</b>	substance/mixture is non-soluble (in water)
<b>Freezing point:</b>	Not applicable for mixtures
<b>Boiling Point:</b>	$> 60$ °C
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable for mixtures
<b>Flammability (solid, gas):</b>	Value not relevant for classification
<b>Flammability Limit - Upper (%)–:</b>	Not applicable for mixtures
<b>Flammability Limit - Lower (%)–:</b>	Not applicable for mixtures
<b>Vapor pressure:</b>	Not applicable for mixtures
<b>Relative vapor density:</b>	Not applicable for mixtures
<b>Density:</b>	1.50 g/cm <sup>3</sup> (15 °C) (DIN 51757)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	The product is insoluble in water.
<b>Solubility (other):</b>	No data available.

**Product name:** RENOCLEAN GMS 7204

<b>Partition coefficient (n-octanol/water):</b>	Not applicable for mixtures
<b>Autoignition Temperature:</b>	Value not relevant for classification
<b>Decomposition Temperature:</b>	Value not relevant for classification
<b>Flow time:</b>	Value not relevant for classification
<b>Explosive properties:</b>	Value not relevant for classification
<b>Oxidizing properties:</b>	Value not relevant for classification
<b>9.2 Other information</b>	No data available.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Stable under normal use conditions.
<b>10.2 Chemical Stability:</b>	Stable under normal use conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Stable under normal use conditions.
<b>10.4 Conditions to avoid:</b>	Stable under normal use conditions.
<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.

## 11 TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.

### Acute toxicity

#### Oral

##### Product:

Not classified for acute toxicity based on available data.

#### Dermal

##### Product:

Not classified for acute toxicity based on available data.

**Product name:** RENOCLEAN GMS 7204

**Inhalation**

**Product:**

Not classified for acute toxicity based on available data.

**Skin Corrosion/Irritation:**

**Product:**

Based on available data, the classification criteria are not met.

**Serious Eye Damage/Eye Irritation:**

**Product:**

Based on available data, the classification criteria are not met.

**Respiratory or Skin Sensitization:**

**Product:**

Skin sensitizer: Based on available data, the classification criteria are not met.

Respiratory sensitizer: Based on available data, the classification criteria are not met.

**Germ Cell Mutagenicity**

**Product:**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

**Product:**

Based on available data, the classification criteria are not met.

**IARC: IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**NTP: US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**OSHAS: US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Reproductive toxicity**

**Product:**

Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Single Exposure**

**Product:**

Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**

Based on available data, the classification criteria are not met.

**Aspiration Hazard**

**Product:**

Based on available data, the classification criteria are not met.

**12 ECOLOGICAL INFORMATION**

**Product name:** RENOCLEAN GMS 7204

## 12.1 Toxicity

### Acute toxicity

**Product:** Based on available data, the classification criteria are not met.

**Chronic ToxicityProduct:** Based on available data, the classification criteria are not met.

## 12.2 Persistence and Degradability

### Biodegradation

**Product:** Not applicable for mixtures

## 12.3 Bioaccumulative potential

**Product:** Not applicable for mixtures

## 12.4 Mobility in soil:

**Product:** Not applicable for mixtures

## 12.5 Results of PBT and vPvB assessment:

The product does not contain any substances fulfilling the PBT/vPvB criteria.

## 12.6 Other adverse effects:

No data available.

# 13 Disposal considerations

## 13.1 Waste treatment methods

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

**Disposal methods:** Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

# 14 TRANSPORT INFORMATION

## IMDG - International Maritime Dangerous Goods Code

14.1 UN Number: UN 1950  
14.2 UN Proper Shipping Name: AEROSOLS  
14.3 Transport Hazard Class(es): 2.2  
14.4 Subsidiary risk label: –  
14.5 Packing Group: –  
14.6 Label(s): 2.2  
14.7 Marine Pollutant: –  
14.8 EmS No.: F-D; S-U



**Product name:** RENOCLEAN GMS 7204

#### IATA

14.1 UN Number: UN 1950  
 14.2 Proper Shipping Name: Aerosols, non-flammable  
 14.3 Transport Hazard Class(es): 2.2  
 14.4 Subsidiary risk label: –  
 14.5 Packing Group: –  
 14.6 Label(s): 2.2  
 14.7 Marine Pollutant: –

### 15 REGULATORY INFORMATION

#### US Federal Regulations

#### US State Regulations

#### Inventory Status

NDSL	Not in compliance with the inventory.
TSCA	On or in compliance with the inventory
DSL	On or in compliance with the inventory

### 16 OTHER INFORMATION

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

#### Wording of the H-statements in section 2 and 3

H229 Pressurized container: May burst if heated.  
 H280 Contains gas under pressure; may explode if heated.

**Revision Date:** 17.10.2021

**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.