

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 19.01.2026

Version number 5 (replaces version 4)

Revision: 29.09.2025

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

1.1 Product identifier

Trade name: **IBS-Spezialreiniger SecuroI**

UFI: 4KS0-X05J-J00A-08H2

1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

Application of the substance / the mixture Cleaning material/ Detergent

Uses advised against No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

IBS Scherer GmbH

Gewerbegebiet

D-55599 Gau-Bickelheim

www.ibs-scherer.de

Tel.: +49 6701 9383-0

email: info@ibs-scherer.de

Further information obtainable from:

Tel.: +49 (0) 6701 / 93 83 - 0

Fax: +49 (0) 6701 / 93 83 -33

info@ibs-scherer.de

1.4 Emergency telephone number:

Giftnotruf Mainz Tel.: +49 (0) 6131 /19 24 0 (24 h erreichbar, Beratung in Deutsch u. Englisch)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS08

Signal word Danger

Hazard-determining components of labelling:

Kohlenwasserstoffe, C12-C15, n-Alkane, Isoalkane, Cyclene, <2% Aromaten

Kohlenwasserstoffe, C13-C16, Isoalkane, Cycloalkane, <2% Aromaten

Kohlenwasserstoffe, C13-C15, n-Alkane, Isoalkane, cyclische Verbindungen, < 2% Aromaten

Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Determination of endocrine-disrupting properties No substances contained

SECTION 3: Composition/information on ingredients

Description: Mixture of substances listed below with nonhazardous additions.

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· Dangerous components:		
EC number: 920-107-4 Reg.nr.: 01-2119483414-43-xxxx	Kohlenwasserstoffe, C12-C15, n-Alkane, Isoalkane, Cyclene, <2% Aromaten ⚠ Asp. Tox. 1, H304, EUH066	0-100%
EC number: 918-973-3 Reg.nr.: 01-2119458871-30-xxxx	Kohlenwasserstoffe, C13-C16, Isoalkane, Cycloalkane, <2% Aromaten ⚠ Asp. Tox. 1, H304, EUH066	0-100%
EC number: 917-488-4 Reg.nr.: 01-2119485032-45-xxxx	Kohlenwasserstoffe, C13-C15, n-Alkane, Isoalkane, cyclische Verbindungen, < 2% Aromaten ⚠ Asp. Tox. 1, H304, EUH066	0-100%
· Regulation (EC) No 648/2004 on detergents / Labelling for contents		
aliphatic hydrocarbons		≥30%

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

Personal protection for the First Aider.

· **After inhalation:** Supply fresh air.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO)

· 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

· 6.2 Environmental precautions:

Prevent from spreading (e.g. by damming-in or oil barriers).

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Remove from the water surface (e.g. skim or suck off).

Dispose of the material collected according to regulations.

Send for recovery or disposal in suitable receptacles.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Use only in well ventilated areas.

Keep away from heat and direct sunlight.

· Information about fire - and explosion protection:

Protect against electrostatic charges.

Do not spray onto a naked flame or any incandescent material.

Protect from heat.

Keep ignition sources away - Do not smoke.

· Handling:

Do not mix with:

Acid

Oxidising agents

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **Storage class:** 10
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

Kohlenwasserstoffe, C12-C15, n-Alkane, Isoalkane, Cyclene, <2% Aromaten

AGW (Germany)	Short-term value: 600 mg/m ³
	Long-term value: 300 mg/m ³

Kohlenwasserstoffe, C13-C16, Isoalkane, Cycloalkane, <2% Aromaten

AGW (Germany)	Short-term value: 600 mg/m ³
	Long-term value: 300 mg/m ³

Kohlenwasserstoffe, C13-C15, n-Alkane, Isoalkane, cyclische Verbindungen, < 2% Aromaten

AGW (Germany)	Short-term value: 600 mg/m ³
	Long-term value: 300 mg/m ³

- **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Hand protection**



Protective gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Recommended thickness of the material: $\geq 0,35$ mm

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection** Goggles recommended during refilling

· **Environmental exposure controls**

Do not allow to enter surface water or sewage system.

Avoid penetration into the subsoil.

In case of contamination of water bodies or the sewage system, inform the responsible authorities.

In the event of penetration into the ground, inform the responsible authorities.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· **General Information**

· **Physical state**

Liquid

· **Colour:**

Colourless

· **Odour:**

Weak, characteristic

· **Odour threshold:**

Not determined

· **Melting point/freezing point:**

Undetermined

· **Boiling point or initial boiling point and boiling range**

220-270 °C (Kohlenwasserstoffe, C13-C16, Isoalkane, Cycloalkane, <2% Aromaten)

· **Flammability**

Not applicable

· **Lower and upper explosion limit**

Not determined

· **Lower:**

Not determined

· **Upper:**

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· Flash point:	>95 °C (Kohlenwasserstoffe, C13-C15, n-Alkane, Isoalkane, cyclische Verbindungen, < 2% Aromaten)
· Auto-ignition temperature:	≥225 °C (Kohlenwasserstoffe, C13-C15, n-Alkane, Isoalkane, cyclische Verbindungen, < 2% Aromaten)
· Decomposition temperature:	Not determined
· pH	Not determined
· Viscosity:	
· Kinematic viscosity	Not determined
· Dynamic:	Not determined
· Solubility	
· water:	Insoluble.
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapour pressure at 20 °C:	0,03 hPa (Kohlenwasserstoffe, C12-C15, n-Alkane, Isoalkane, Cyclene, <2% Aromaten)
· Density and/or relative density	
· Density at 20 °C:	0,79-0,863 g/cm ³
· Relative density	Not determined
· Vapour density	Not determined

· 9.2 Other information	
· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Not determined
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Change in condition	
· Evaporation rate	Not determined

· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
- **10.4 Conditions to avoid**
Open flames and high energy ignition sources.
Avoid excessive heating.
- **10.5 Incompatible materials:** Oxidizing agent
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

Kohlenwasserstoffe, C12-C15, n-Alkane, Isoalkane, Cyclene, <2% Aromaten

Oral	LD50	>15.000 mg/kg (rat) (OECD 401)
Dermal	LD50	>3.160 mg/kg (rabbit) (OECD 402)

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Inhalative	LC50/4 h	≥6.100 mg/m ³ (rat) (OECD 403)
Kohlenwasserstoffe, C13-C16, Isoalkane, Cycloalkane, <2% Aromaten		
Oral	LD50	>5.000 mg/kg (rat) (OECD 401)
Dermal	LD50	>3.160 mg/kg (rab) (OECD 402)
Inhalative	LC50/4 h	>5.266 mg/m ³ (rat) (OECD 403)
Kohlenwasserstoffe, C13-C15, n-Alkane, Isoalkane, cyclische Verbindungen, < 2% Aromaten		
Oral	LD50	>5.000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2.000 mg/kg (rab) (OECD 402)
Inhalative	LC50/4 h	≥6.100 mg/m ³ (rat) (OECD 403)

- **Primary irritant effect:**

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** May be fatal if swallowed and enters airways.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

Kohlenwasserstoffe, C12-C15, n-Alkane, Isoalkane, Cyclene, <2% Aromaten

biologische Abbaubarkeit	71 % /28d (not defined) (OECD 301 F)
LC50	>1.000 mg/l /96h (fish) (OECD 203)
EC50	>1.000 mg/l /72h (algae) (OECD 201)

Kohlenwasserstoffe, C13-C16, Isoalkane, Cycloalkane, <2% Aromaten

biologische Abbaubarkeit	17,7 % /28d (not defined) (OECD 301 F)
LC50	>1.028 mg/l /96h (fish)
EC50	>1.000 mg/l /72h (algae) (OECD 201)
	>1.000 mg/l /48h (daphnia)
NOELR	5 mg/l /21d (daphnia) (OECD 202)

Kohlenwasserstoffe, C13-C15, n-Alkane, Isoalkane, cyclische Verbindungen, < 2% Aromaten

biologische Abbaubarkeit	67,6 % /28d (not defined) (OECD 301 F)
LC50	>1.000 mg/l /96h (fish) (OECD 203)
EC50	>1.000 mg/l /72h (algae) (OECD 201)
	>1.000 mg/l /24h (daphnia) (OECD 202)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

14 06 03*	other solvents and solvent mixtures
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- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable
· 14.6 Special precautions for user	Not applicable
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture				
· Directive 2012/18/EU				
· Named dangerous substances - ANNEX I None of the ingredients is listed.				
· REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)				
None of the ingredients is listed.				
· LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)				
None of the ingredients is listed.				
· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3				
· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II				
None of the ingredients is listed.				
· REGULATION (EU) 2019/1148				
· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))				
None of the ingredients is listed.				
· Annex II - REPORTABLE EXPLOSIVES PRECURSORS				
None of the ingredients is listed.				
· Regulation (EC) No 273/2004 on drug precursors				
None of the ingredients is listed.				
· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors				
None of the ingredients is listed.				
· National regulations:				
· Information about limitation of use:				
Employment restrictions concerning juveniles must be observed.				
Employment restrictions concerning pregnant and lactating women must be observed.				
· Technical instructions (air):				
<table border="1"> <thead> <tr> <th>Class</th> <th>Share in %</th> </tr> </thead> <tbody> <tr> <td>NK</td> <td>50-100</td> </tr> </tbody> </table>	Class	Share in %	NK	50-100
Class	Share in %			
NK	50-100			
· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.				
· Other regulations, limitations and prohibitive regulations				
· Substances of very high concern (SVHC) according to REACH, Article 57				
None of the ingredients is listed.				
· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.				

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
- H304 May be fatal if swallowed and enters airways.
- EUH066 Repeated exposure may cause skin dryness or cracking.

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· Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· Date of previous version: 02.07.2023**· Version number of previous version: 4****· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

· Sources

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No. 1907/2006 (REACH).

Transport of dangerous goods by road, rail or inland waterway (ADR/RID/ADN).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA) (regulations for the transport of dangerous goods by air).

· * Data compared to the previous version altered.

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