

Product description: KORTHO INK GJ5 BLACK, 2X 200CM3

1. IDENTIFICATION OF THE SUBSTANCE OR THE MIXTURE AND OF THE COMPANY/BUSINESS

1.1 Product identifications

Product name : Kortho Ink GJ5 black, 2x200 cm3
Internal code number : 083869

1.2 Relevant identified use of the substance or the mixture and use that is advised against

Main use category : Professional use.
Industrial/ Professional use spec : Industrial. For professional use only.
Identified use : Ink.
Uses advised against : No additional information available.

1.3 Details relating to the provider of the safety data sheet

Company : B.V. Korthofah
Lageweg 39
2222AG Katwijk ZH
The Netherlands
Telephone : 0031 71 40 60 480
E-mail address : export@kortho.nl

1.4 Telephone number in case of emergencies

Emergency telephone number : 111
Organisation/company : National Poisons Information Service (NHS Direct) – <http://www.npis.org>
(England, Wales and Northern Ireland - NHS 111 and Scotland - NHS 24)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or the mixture

Product definition : mixture

Classification in accordance with directive (EC) No. 1272/2008

Aspiration Toxicity (Category 1), H304

For the full text on H statements as set out in this section, see section 16.

See section 11 for more detailed information on health effects and symptoms.

Adverse physicochemical, human health and environmental effects

No additional information available.

2.2 Labelling elements

According to Regulation (EC) No 1272/2008 [CLP]

Hazard Pictogram



Signal Word

: Danger

Hazard Statement(s)

H304

May be fatal if swallowed and enters the airways.

Precautionary statements

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331

Do NOT induce vomiting.

P405

Store locked up.

P501

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

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2.3 Other hazards

Other hazards which do not result in classification : No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Component	Identifiers	Cont.%	Classification Regulation (EC) No 1272/2008 [CLP]
White mineral oil (petroleum)	EC: 232-455-8 CAS: 8042-47-5	50-100%	Asp.Tox. 1, H304
Fatty acids, tall-oil, Bu esters	EC: 267-028-5 CAS: 67762-63-4	5-30%	Not classified
Glycerol	EC: 200-289-5 CAS: 56-81-5	0-20%	Not classified
Carbon black	EC: 215-609-9 CAS: 1333-86-4	5-15%	Carc. 2 ; H351
Phenol resin	CAS: NJTSRN-6432	0-10%	Not classified
Distillates (petroleum) Hydrotreated light naphthenic	EC: 265-156-6 EC index no: 649-466-00-2 cas: 64742-53-6	0-10%	Asp. Tox. 1; H304
Dlprotium oxide	EC: 231-791-2 CAS: 7732-18-5	0-10%	Not classified

See section 16 for the full text of the R-phrases and H statements declared above.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
In case of inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
In case of skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
In case of eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
In case of ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation : Symptoms similar to those listed under ingestion.
Symptoms/injuries after skin contact : No effects known.
Symptoms/injuries after eye contact : No effects known.
Symptoms/injuries after Ingestion : May be fatal if swallowed and enters airways.
Chronic symptoms : No effects known.

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- 4.3 Indication of any immediate medical attention and special treatment needed**
Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Fire extinguishers

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

No additional information available.

5.3 Advice for fire-fighters

Special protective actions for fire-fighters : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Special protective equipment for fire-fighters : Do not enter fire area without proper protective equipment, including respiratory protection.

6. MEASURES IN THE EVENT OF THE ACCIDENTAL RELEASE OF THE SUBSTANCE OR PREPARATION

6.1 Personal precautions, protective equipment and emergency procedures

For non emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if substance enters sewers or public waters.

6.3 Containment and cleaning methods and materials

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4 Reference to other sections

See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling of the substance or mixture

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Provide good ventilation in process area to prevent formation of vapour.

Obtain special instructions before use.

Use personal protective equipment as required.

Do not handle until all safety precautions have been read and understood.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat and ignition sources

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

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7.3 Specific end use(s)

Recommendations : No additional information available.

Industrial sector specific solutions : No additional information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

White mineral oil (petroleum) (8042-47-5)

Belgium	Limit value (mg/m ³)	5 mg/m ³
Belgium	Short time value	10 mg/m ³
Italy – Portugal – USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
Netherlands	Grenswaarde TGG 8H (mg/m ³)	Olienevel (minerale olie), 5 mg/m ³ ; Netherlands; timeweighted average exposure limit 8h; Plubic occupational exposure limit value.

Glycerol (56-81-5)

Belgium	Limit value (mg/m ³)	10 mg/m ³
France	VME (mg/m ³)	Glycérine (aérosols de), 10 mg/m ³ ; France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative
Greece	OEL TWA (mg/m ³)	10 mg/m ³
Italy – Portugal – USA ACGIH	Remark (ACGIH)	URT irr
Switzerland	VLE (mg/m ³)	100 mg/m ³
Switzerland	VME (mg/m ³)	50 mg/m ³
Switzerland	Remark (CH)	4x15
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³
Czech Republic	Expoziční limity (PEL) (mg/m ³)	10 mg/m ³
Czech Republic	Expoziční limity (PEL) (ppm)	2,4 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	15 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (ppm)	3,7 ppm
Finland	HTP-arvo (8h) (mg/m ³)	20 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³
Poland	NDS (mg/m ³)	10 mg/m ³
Australia	TWA (mg/m ³)	10 mg/m ³
Australia	Remark (AU)	(a)
Portugal	OEL TWA (mg/m ³)	10 mg/m ³

Cabon black (1333-86-4)

Belgium	Limit value (mg/m ³)	3,5 mg/m ³
France	VME (mg/m ³)	3,5 mg/m ³
Greece	OEL TWA (mg/m ³)	3,5 mg/m ³
Greece	OEL STEL (mg/m ³)	7 mg/m ³
Italy – Portugal – USA ACGIH	ACGIH TWA (mg/m ³)	3 mg/m ³
Italy – Portugal – USA ACGIH	Remark (ACGIH)	Bronchitis
USA OSHA	OSHA PEL (TWA) (mg/m ³)	3,5 mg/m ³
Spain	VLA-ED (mg/m ³)	3,5 mg/m ³
Spain	Notes	véase Apartado 9
United Kingdom	WEL TWA (mg/m ³)	3,5 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	7 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	3,5 mg/m ³
Denmark	Anmærkninger (DK)	K
Finland	HTP-arvo (8h) (mg/m ³)	3,5 mg/m ³
Finland	HTP-arvo (15 min)	7 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	3,5 mg/m ³
Ireland	OEL (15 min ref) (mg/m ³)	7 mg/m ³
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	3,5 mg/m ³
Australia	TWA (mg/m ³)	3 mg/m ³
Portugal	OEL TWA (mg/m ³)	3,5 mg/m ³

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Phenol Resin (NJTSRN-6432)

Italy – Portugal – USA ACGIH ACGIH TWA (mg/m³) 5 mg/m³ Respirable Dust (15mg/m³ Total Dust)

Distillatees (petroleum), hydrotreated light naphthenic (64742-53-6)

Belgium	Limit value (mg/m ³)	5 mg/m ³
Belgium	Short time value	mg/m ³
Netherlands	Grenswaarde TGG 8H (mg/m ³)	Olienevel (minerale olie), 5 mg/m ³ ; Netherlands; timeweighted average exposure limit 8h; Plubic occupational exposure limit value.

8.2 Measures to control exposure

Appropriate engineering Controls

: Provide adequate general and local exhaust ventilation.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Do not eat, drink or smoke during use.

Eye/face protection

: Face protection and safety goggles. Use face and/or eye protection tested and approved by official organisations such as NIOSH (US) or EN166 (EU).

Skin protection

Hand protection

: Handle with gloves. Properly check gloves before use. Carefully remove gloves without touching the outside with your exposed hand. Immediately throw away used gloves in accordance with the valid laboratory regulations. Wash and dry your hands. The protective gloves must comply with the specifications of EU Directive 89/686/EEC and the standard EN 374, which has been derived from this. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers.

Glove material: Nitrile*
Thickness of material: 0.4 ± 0.05mm
Penetration time: 480 minutes
(* Tested glove Nitrile I – KCL 0730)

Respiratory protection

: Whenever there are breathing risks, where necessary use a full-face respirator combined with (US) and/or type ABEK (EN 14387) breathing pattern as a support when undertaking a factory inspection. If the face mask is the only means of protection, use a full-face respirator (oxygen mask). Use respirators tested and approved by official government bodies such as NIOSH (US) or CEN (EU).

Environmental exposure controls

: Do not allow to enter drains or watercourses.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information about physical and chemical basic properties

Physical state	: Liquid.
Colour	: Black.
Odour	: Mild. distinctive.
Odour threshold	: No data available.
Melting point	: No data available.
Freezing point	: No data available.
Boiling point	: > 204 °C.
Flash point	: > 93 °C.
pH	: No data available.
Relative evaporation rate (butylacetate = 1)	: No data available.
Vapour pressure	: No data available.
Relative density	: No data available.
Density	: 0,75 – 0,97 g/cm ³
Relative vapour density at 20°C	: No data available.

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Solubility(ies)	: No data available.
Log Pow	: No data available.
Log Kow	: No data available.
Viscosity, kinematic	: No data available.
Viscosity, dynamic	: No data available.
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available.
Flammability (solid, gas)	: Non flammable.
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosive limits	: No data available.

9.2 Other safety information
VOC content : 31,42%.

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
No additional information available.
- 10.2 Chemical stability**
Not established.
- 10.3 Potential hazardous reactions**
Not established.
- 10.4 Conditions to be avoided**
Direct sunlight. Extremely high or low temperatures.
- 10.5 Incompatible materials**
Strong acids, Strong bases.
- 10.6 Hazardous decomposition products**
Fume. Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

11.1 Information about toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

White mineral oil (petroleum) (8042-47-5)

LD50 oral rat : >5000 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rabbit : >2000 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402)
LC50 inhalation rat (mg/l) : >5 mg/l/4h (Rat; Experimental value)

Glycerol (56-81-5)

LD50 oral rat : 27200 mg/kg (Rat; Experimental value)
LC50 inhalation rat (mg/l) : >2,75 mg/l/4h (Rat; Experimental value)
ATE CLP (oral) : 27200,000 mg/kg bodyweight

Carbon black (1333-86-4)

LD50 oral rat : >8000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rabbit : >3000 mg/kg (Rabbit)

Comments: Carbon Black is classified as Carcinogen 2B, H351 in its raw "dust" form. This classification is solely based on inhalation of the raw dust which cannot happen in the normal use of this product. The carbon black in this mixture is bound within the fluid matrix reducing its chances of causing harm.

Skin corrosion/irritation : Not classified. Based on available data, the classification criteria are not met.
Serious eye damage/irritation : Not classified. Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation : Not classified. Based on available data, the classification criteria are not met.

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Germ cell mutagenicity	: Not classified. Based on available data, the classification criteria are not met.
Carcinogenicity	: Not classified. Based on available data, the classification criteria are not met.
Reproductive toxicity	: Not classified. Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	: Not classified. Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	: Not classified. Based on available data, the classification criteria are not met.
Aspiration hazard	: May be fatal if swallowed and enters airways.
Poential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION**12.1 Toxicity****White mineral oil (petroleum) (8042-47-5)**

LC50 fishes 1	: >100 mg/l (96h; Oncorhynchus mykiss; Nominal concentration)
Threshold limit algae 1	: >= 100 mg/l (72h; Pseudokirchneriella subcapitata; Growth rate)

Glycerol (56-81-5)

LC50 fishes 1	: 54000 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Lethal)
LC50 other aquatic organisms 1	: > 1000 mg/l (96 h)
EC50 Daphnia 1	: > 10000 mg/l (24 h; Daphnia magna; Locomotor effect)
LC50 fish 2	: > 1000 mg/l (96 h; Pisces)
TLM fish 1	: > 1000 ppm (96 h; Pisces)
TLM other aquatic organisms 1	: > 1000 ppm (96 h)
Threshold limit other aquatic organisms 1	: > 1000 mg/l (96 h)
Threshold limit algae 1	: > 10000 mg/l (8 days; Scenedesmus quadricauda; Turbid water)
Threshold limit algae 2	: 2900 mg/l (192 h; Microcystis aeruginosa; Toxicity test)

Carbon black (1333-86-4)

LC50 fishes1	: > 1000 mg/l (96 h; Brachydanio rerio)
EC50 Daphnia 1	: > 5600 mg/l (24 h; Daphnia magna)

12.2 Persistence and degradability**GJ5 ink**

Persistence and degradability	: Not established.
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White mineral oil (petroleum) (8042-47-5)

Persistence and degradability	: Not readily biodegradable in water. No (test)data available on mobility of the substance.
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Glycerol (56-81-5)

Persistence and degradability	: Readily biodegradable in water.
Biochemical oxygen demand (BOD)	: 0,87 g O ₂ /g substance.
Chemical oxygen demand (COD)	: 1,16 g O ₂ /g substance.
ThOD	: 1,217 g O ₂ /g substance.
BOD (% of ThOD)	: 0,71 % ThOD.

Carbon black (1333-86-4)

Persistence and degradability	: Biodegradable Not applicable. Biodegradability in soil: Not applicable. Absorbs into the soil.
Biochemical oxygen demand (BOD)	: Not applicable.
Chemical oxygen demand (COD)	: Not applicable.
ThOD	: Not applicable.
BOD (% of ThOD)	: Not applicable.

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Fatty acids, tall-oil, Bu esters (67762-63-4)

Persistence and degradability : Biodegradability in water: no data available.

Diprotium oxide (7732-18-5)

Persistence and degradability : Not established.

12.3 Bioaccumulation

GJ5 inkt

Bioaccumulative potential : Not established.

White mineral oil (petroleum) (8042-47-5)

Bioaccumulative potential : Bioaccumulation: No data available.

Glycerol (56-81-5)

Log Pow : -1,75 (Experimental value; Equivalent or similar to OECD 107.)
Bioaccumulative potential : Bioaccumulation: Not applicable.

Carbon black (1333-86-4)

Bioaccumulative potential : Not bio accumulative.

Fatty acids, tall-oil, Bu esters (67762-63-4)

Bioaccumulative potential : Bioaccumulation: No data available.

Diprotium oxide (7732-18-5)

Bioaccumulative potential : Bioaccumulation: Not applicable.

12.4 Mobility in soil

Glycerol (56-81-5)

Surface tension : 0,0634 N/m (20 ° C; 1000 g/l).

Carbon black (1333-86-4)

Ecology soil : Not toxic to plants. Not toxic to animals.

12.5 Results of PBT- and vPvB assessment

No additional information available.

12.6 Other harmful effects

Other information : Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment Methods

Waste disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a licensed waste centre in accordance with local/regional/national/international regulations.

Ecology – waste materials

: Avoid release to the environment. Hazardous waste due to toxicity.

European List of Waste (LoW) code

: 20 01 27* - paint, inks, adhesives and resins containing dangerous substances.

14. INFORMATION RELATING TO TRANSPORTATION

14.1 UN number

Not dangerous goods in terms of transport regulations

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14.2	ADR/RID: Not regulated. Proper shipping name from the UN Model Regulations ADR/RID: Not applicable.	ADN: Not regulated ADN: Not applicable	IMDG: Not regulated. IMDG: Not applicable.	IATA: Not regulated. IATA: Not applicable.
14.3	Transport hazard class(es) ADR/RID: Not applicable.	ADN: Not applicable	IMDG: Not applicable.	IATA: Not applicable.
14.4	Packaging group ADR/RID: Not applicable.	ADN: Not applicable.	IMDG: Not applicable	IATA: Not applicable.
14.5	Environmental hazards			
	Other information : No supplementary information available.			
14.6	Special precautions for the user			
	Overland transport : No additional information available.			
	Transport by sea : No additional information available.			
	Air transport : No additional information available.			
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code Not applicable.			

15. REGULATIONS

15.1 Specific health, safety and environmental regulations and legislation governing the substance or the mixture

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008. White mineral oil (petroleum)

3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10. Ink GJ5 Black

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

VOC content : 31,42%

15.2 National regulations

Water hazard class (WGK) : 3 - severe hazard to waters

WGK remark : Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4).

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

Data sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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Phenol Resin(NJTSRN-6432) is listed on the New Jersey Trade Secret Register therefore the CAS numbers of ingredients contained in this mixture are not known to us. This item is not classified as hazardous therefore is not required.

Carbon Black (CAS1333-86-4) is classified as Carcinogen 2B, H351 in its raw "dust" form. This classification is solely based on inhalation of the raw dust which cannot happen in the normal use of this product. The carbon black in this mixture is bound within the fluid matrix reducing its chances of causing harm.

Full text of H statements to which reference is made in sections 2 and 3

H304 May be fatal if swallowed and enters the airways.
H351 Suspected of causing cancer.

Full text of classifications [CLP/GHS] to which reference is made in sections 2 and 3

Carc 2, CARCINOGENIC - Category 2.
Asp. Tox. 1, ASPIRATION HAZARD - Category 1.

List of abbreviations and acronyms

ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
ADN	Accord européen relatif au transport international des marchandises Dangereuses par voies de Navigation intérieures (European Agreement concerning the international Carriage of Dangerous Goods by Inland Waterways).
ATE	Acute Toxicity Estimate.
BOD	Biochemical oxygen demand.
CAS	Chemical Abstracts Service (division of the American Chemical Society).
CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008].
COD	Chemical oxygen demand.
DNEL	Derived No Effect Level.
EINECS	European Inventory of Existing Commercial Chemical Substances.
EUH	
Statement	CLP-specific Hazard statement.
GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
IATA	International Air Transport Association.
IMDG	International Maritime Dangerous Goods code: International code for the transportation of hazardous substances at sea.
NVIC	Nationaal Vergiftigingen Informatie Centrum [National Poisons Information Centre].
PBT	Persistent, bioaccumulating and toxic.
PNEC	Predicted No Effect Concentration.
REACH	Registration, Evaluation and Authorisation of Chemicals.
RID	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations for the transportation of hazardous substances by train).
RRN	REACH Registration Number.
STOT SE	Specific target organ toxicity – single exposure.
ThOD	Theoretical oxygen demand.
vPvB	Very Persistent and very Bioaccumulative.
VwVws	Verwaltungsvorschrift wassergefährdender Stoffe.
WGK	Wassergefährdungsklassen (Water hazard class).

Revision

This SDS replaced the previous release with revision 1.2/22092016. Modifications made are marked with #.

More detailed information

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions.

It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

While the information is believed to be reliable, we do not guarantee its accuracy. Purchasers are encouraged to make their own tests with materials described herein and must make independent determination of suitability and completeness of information from all sources to assure proper use with materials and compatibility with equipment.

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The above information is assumed to be correct but does not make any claim of completeness and should only be used as a guideline. Korthofah BV is not liable for any eventual damage arising out of the handling of or contact with the aforementioned product.

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