SURFACE/WHITEBOARD CLEANER

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

1.1 - Product identifier

Trade name/designation	Surface/Whiteboard cleaner
Chemical name	
Product-type	Mixture
Product code	KF04552, KF15224, KF15230, KF17449, KF00291, KF32153, KF19313

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

Relevant identified uses	- Consumer uses: Private households (= general public = consumers) - PC35: Washing and cleaning products (including solvent based products).

1.3 - Details of the supplier of the safety data sheet

INTERACTION
Jean-Baptiste de Ghellincklaan 23, box 101
9051 Gent Belgium
Telephone : +32 9 380 8248; +32 9 380 8249

info@interaction -connect.com

1.4 - Emergency telephone number

Giftnotrufzentrale (Österreich)
Tel. No.: +43 1 406 4343

Antigif Centrum Centrum Antigif (België)/ Antigif Centrum Zentrum Antipoisons (Belgien)/ Antigif Centrum Centre Antipoisons (Belgique)
Tel. No.: +32 070 245 245

Национален център по токсикология, Болница за активно лечение и спешна медицина "Н. И. Пирогов" (България)
Tel. No. / fax: +359 2 9154 233

Centar za kontrolu trovanja (Hrvatska)
Tel. No.: +385 1 234 8342

Toxikologické informační centrum (Česká republika)
Tel. No.: +420 224 919 293 / +420 224 915 402

Giftlinjen (Denmark)
Tel. No.: +45 82 12 12 12

Mürgistusteabekeskus (Eesti)
Tel. No.: +372 794 3794 (or 16662 national/ või 16662 riiklikku)

Myrkytystietokeskus (Suomi)
Tel. No.: +358 09 471 977

ORFILA (INERIS) (France)
Tel. No.: +33 (0) 1 45 42 59 59

Giftinformationszentrum, Charité – Universitätsmedizin Berlin, Hindenburgdamm 30, 12203 Berlin (Deutschland)
Tel. No.: +4930 30686700

Κέντρο Πληροφοριών Δηλητηριάσεων (Ελλάδα)
Τηλ. Αρ.: (0030) 2107793777

National Poisons Information Centre (Ireland)
Tel. No.: +353 (0) 1 809 2166

Poison Centre (Iceland)/ Eitrunarmiðstöð (Ísland)
Tel. No.: +354 543 2222

Hosp. Niguarda Ca 'Granda - Milan, Tel. No.: +39 02 66101029; CAV National Toxicological Information Center - Pavia, Tel. No.: +39 038224444 (Italy)

Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvija)
Tel. No.: +371 670 42473

Valstybinė vaistų kontrolės tarnyba (VVKT), Apsinuodijimų informacijos biuras (VTI) (Lietuva)
Tel. No.: +370 5 236 20 52

Isptar Mater Dei (Malta)
Tel. No.: +356 2545 0000

Nationaal Vergiftigingen Informatie Centrum (NVIC) (Nederland)
Tel. No.: +31 (0) 30 274 8888

Norsk Giftinformasjonssenter (Norge)
Tel. No.: +47 22 59 13 00

Europejski numer alarmowy (Polska)
112

Instituto Nacional de Emergência Médica (Portugal)
Tel. No.: +351 213 303 271

Biroul RSI si Informare Toxicologica (Romania)
Tel. No.: +40 021 318 3606

Enotna telefonska številka za klice v sili (Slovenija)
Tel. No.: 112

Národné toxikologické informačné centrum (NTIC) (Slovensko)
Tel. No.: +421 2 5477 4166

Servicio de Información Toxicológica (España)
Tel. No.: +34 91 562 04 20

Svensk Giftinformationscentral (Sverige)
Tel. No.: +46 08 331231

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Not Classified	Not classified

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Whiteboard cleaner

Signal word	:	None
Pictograms	:	None
Hazard statements	:	None
Precautionary statements		

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.

EUH-phrases : None

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:
- perfumes
- Preservative: PHENOXYETHANOL, BENZISOTHIAZOLINONE

2.3 - Other hazards

PBT substances

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

vPvB substances

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No.	%	Class(es)	Information on the substance
2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve INCI: BUTOXYETHANOL	CAS No. : 111-76-2 Index No. : 603-014-00-0 EC No. : 203-905-0	< 5	Acute Tox. 3 Inhalation - H331 Acute Tox. 4 Oral - H302 Eye Irrit. 2 - H319 Skin Irrit. 2 - H315	ATE oral 1200 ATE Inhalation Vapor 3 (a) (b)

(a) Substance contributing to the classification

(b) Substance with exposure limite value

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation
- Provide fresh air.
- When in doubt or if symptoms are observed, get medical advice.

Following skin contact
- Wash immediately with: Water
- When in doubt or if symptoms are observed, get medical advice.

After eye contact
- Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion
- Rinse mouth thoroughly with water.
- Do NOT induce vomiting.

- When in doubt or if symptoms are observed, get medical advice.

4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation	- No information available.
Symptoms and effects - Following skin contact	- No information available.
Symptoms and effects - After eye contact	- No information available.
Symptoms and effects - After ingestion	- No information available.

4.3 - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.
- In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media	- ABC-powder - Carbon dioxide (CO_2) - Foam - Extinguishing powder
Unsuitable extinguishing media	- Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture	- No information available.
Hazardous decomposition products	- No information available.

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	- Use personal protection equipment. - Provide adequate ventilation. - Remove persons to safety.
For emergency responders	- No information available.

6.2 - Environmental precautions

- Do not allow uncontrolled discharge of product into the environment.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment	- No information available.
Methods and material for cleaning up	- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). - Wash with plenty of water.
Inappropriate techniques	- No information available.

6.4 - Reference to other sections

- Personal protection equipment: see section 8
- Disposal: see section 13

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation	- No special technical protective measures are necessary. - Do not breathe gas/fumes/vapour/spray. - Keep container tightly closed.
Advices on general occupational hygiene	- Avoid contact with skin, eyes and clothes. - Wash hands before breaks and after work. - When using do not eat, drink, smoke, sniff.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep container tightly closed.
- Keep locked up and out of reach of children.

7.3 - Specific end use(s)

- Washing and cleaning products

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
IOELV TWA mg/m³ (UE)	98 mg/m³ Skin
IOELV TWA ppm (UE)	20 ppm Skin
IOELV STEL mg/m³ (UE)	246 mg/m³ Skin
IOELV STEL ppm (UE)	50 ppm Skin

DNEL / PNEC

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)			
Type	**Value**	**User**	**Effect**
DNEL short-term oral (acute)	26.7 mg/kg	Consumers	Systemic
DNEL long-term oral (repeated)	6.3 mg/kg bw/day	Consumers	Systemic
DNEL acute inhalative	246 mg/m³	Workers	Local
DNEL acute inhalative	426 mg/m³	Consumers	Systemic
DNEL acute inhalative	147 mg/m³	Consumers	Local

Whiteboard cleaner

DNEL acute inhalative	1091 mg/m³	Workers	Systemic
DNEL long-term inhalative	98 mg/m³	Workers	Systemic
DNEL long-term inhalative	59 mg/m³	Consumers	Systemic
PNEC aquatic, freshwater	8.8 mg/l		
PNEC aquatic, marine water	0.88 mg/l		
PNEC aquatic, intermittent release	26.4 mg/l		
PNEC sediment, freshwater	34.6 mg/kg		
PNEC sediment, marine water	3.46 mg/kg		
PNEC Secondary Poisoning	0.02 mg/kg		
PNEC sewage treatment plant (STP)	463 mg/l		

8.2 - Exposure controls

Appropriate engineering controls: - No information available.

Individual protection measures, such as personal protective equipment:

- Eye protection: not required.

- Additional eye protection measures: In case of increased risk, additionally

- DIN EN 166
- Eye glasses
- Body protection: not required.

- Hand protection is not required.

- In case of prolonged or frequently repeated skin contact:
- Protective gloves according to EN374
- Glove material: Nitrile rubber (0.11 mm).
- Breakthrough time: > 480 min.
- This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is

Environmental exposure controls: - No information available.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state	Liquid	Appearance	solid / liquid (wet tissues)
Colour	colourless	Odour	characteristic

Odour threshold	No data available
pH	6 < V < 9

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Melting point	No data available
Freezing point	No data available
Boiling point	> 98 °C
Flash point	> 61 °C
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Density	0.98 g/cm³ < V < 0.99 g/cm³
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	44.506 g/l
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- No information available.

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

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.

Toxicity : Mixture

ATE oral : - ATE dermal : - ATE Inhalation Dust/Mist : -
ATE Inhalation Vapor : - ATE Inhalation Gas : -

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation gas (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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

Toxicity : Substances

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
LD50 oral (rat)	470 mg/kg < V < 1480 mg/kg
LD50 dermal (rat)	> 2000 mg/kg
LC50 inhalation vapours (rat)	2 mg/l < V < 2.4 mg/l

Skin corrosion/irritation - Based on available data, the classification criteria are not met.

Serious eye damage/eye 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 - Based on available data, the classification criteria are not met.

11.2 - Information on other hazards

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

Toxicity : Substances

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
EC50 48 hr crustacea	1550 mg/l
LC50 96 hr fish	1474 mg/l
ErC50 algae	> 1000 mg/l
NOEC chronic fish	100 mg/l
NOEC chronic crustacea	100 mg/l
NOEC chronic algae	88 mg/l

12.2 - Persistence and degradability

Mixture

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

Substances

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
% of biodegradation in 28 days	90.4 %

12.3 - Bioaccumulative potential

Mixture

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

Substances

2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
Log KOC	0.81

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

- This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods	- Dispose of waste according to applicable legislation. - Completely emptied packages can be recycled. - Dispose of empty or partially emptied packaging/container/can after appropriate use of the product to municipal waste. - Handle contaminated packages in the same way as the substance itself. - Do not allow to enter into soil/subsoil. - Do not allow to enter into surface water or drains.
Sewage disposal	- Do not empty into drains; dispose of this material and its container in a safe way.
Special precautions for waste treatment	- No information available.
Community or national or regional provisions	- Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. - Germany: waste disposal according to the Kreislaufwirtschaftsgesetz (KrWG) and Abfallverzeichnis-Verordnung (AVV), in line with Directive 2008/98/EC. - Italy: Waste disposal according to Decreto Legislativo 152/2006 (Environmental Code, Part IV) in line with Directive 2008/98/EC. - Netherlands: Waste disposal according to Wet milieubeheer (Environmental Management Act) and Directive 2008/98/EC. - Sweden: Waste disposal according to Avfallsförordningen (2020:614) and Directive 2008/98/EC. - Switzerland: Ordinance on the Movement of Waste (VeVA), Ordinance of 22 June 2005 on Lists for the Movement of Waste (SR 814.610.1)
Waste codes / waste designations according to Regulation 2014/955/UE	15 01 02 - plastic packaging 15 02 03 - absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 20 01 30 - detergents other than those mentioned in 20 01 29

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SECTION 14: Transport information

14.1 - UN number or ID number
Not applicable

14.2 - UN proper shipping name
Not applicable

14.3 - Transport hazard class(es)
Not applicable

14.4 - Packing group
Not applicable

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

SECTION 15: Regulatory information

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

Substances REACH candidates	None
Substances Annex XIV	None
Substances Annex XVII	None
VOC content	44.506 g/l

- – COMMISSION REGULATION (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII thereto. The Regulation has been published in the Official Journal of the European Union No. L 168/5 on 21 June, 2006;

- – COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. The Regulation has been published in the Official Journal of the European Union No. L 156, on 14 June, 2016;

- – COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);

- – On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH Regulation). The Regulation has been published in the Official Journal of the European Union No. L 353, volume 51 on 31 December, 2008;

- – REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents (OJ L 104/1, 8.4.2004, p.001-0035);

- – Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction – No. L 136/3, 2007-5-29);

- Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

- Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

- Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]

- Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

- Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

- Swiss Regulations: Article 4 para. 4 of the Ordinance on the protection of young people in the workplace (SR 822.115) and Article 1 lit. f of the EAER regulation on hazardous work and young people (SR 822.115.2).

- Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:
- perfumes
- Preservative: PHENOXYETHANOL, BENZISOTHIAZOLINONE

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
3	30/09/2025		Indication of changes: Section: 1.1; 13.1.
2	04/07/2025		Indication of changes: Section: 1
1	05/05/2024		

Abbreviations and acronyms

- ICAO: International Civil Aviation Organization
- EC50: Effective concentration of the substance that causes adverse effects in 50% of test animals.
- IATA: International Air Transport Association.
- DNEL: Derived no-effect level.
- LOEC: Lowest Observed Effect Concentration.
- LOEL: Lowest Observed Adverse Effect Level.
- EC No: European Community number
- IMDG: International Maritime Dangerous Goods.
- CAS No.: Chemical Abstracts Service number.
- NOEC: No Observed Effect Concentration.
- NOEL: No observable effect level.
- OEL: Occupational exposure limit.
- LC50: Lethal Concentration to 50 % of a test animals.
- PBT: Persistent, Bioaccumulative and Toxic.
- ADR: The Agreement concerning the International Carriage of Dangerous Goods by Road

Whiteboard cleaner

- PNEC: Predicted no-effect concentration.
- RID: International Carriage of Dangerous Goods by Rail.
- STEL: Short-term exposure limit
- ATE: Acute Toxicity Estimate.
- TWA: Time weighted average
- LD50: Lethal Dose to 50% of a test animals.
- vPvB: very Persistent and very Bioaccumulative.

Data sources:	European Chemicals Agency (ECHA) European Chemicals Bureau (ECB) International Laboratories Organization (ILO)
Evaluation methods	Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Texts of the regulatory sentences

Acute Tox. 3 Inhalation	Acute toxicity (inhalative) - Category 3
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Eye Irrit. 2	Eye irritation - Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
Not Classified	Not classified
Skin Irrit. 2	Irritation, Category 2

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*** *** ***