

CLEANER SPRAY

Code : 23760

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

1.1. Product identifier

Chemical description : CLEANER SPRAY
Type of product : Mixture.
Reach registration number : -

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

Identified use(s) : Cleaning liquid .
Use(s) advised against : Non identified .
Not for use in ornamental articles, in tricks and jokes and in games (in accordance with Annex XVII to Regulation (EC) No 1907/2006) (3. Liquid substances or mixtures, which are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F, (b) 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, (c) hazard class 4.1, (d) hazard class 5.1).

1.3. Details of the supplier of the safety data sheet

Company identification : MagPaint Europe BV, Riezenweg 2, 7071 PR Ulf
TEL: +31(0)315 386473
E-MAIL: m.poorthuis@magpaint.com - Website: www.magpaint.com

1.4. Emergency telephone number

Emergency phone number : The Netherlands : National Poisoning Information Center - Bilthoven
TEL: +31(0)30/274.88.88 (Only for the purpose of informing medical personnel in cases of acute intoxications)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye irritation - Category 2 - Warning (Eye Irrit. 2; H319)

2.2. Label elements

Label in accordance with Regulation (EC) No 1272/2008

• Dangerous ingredient(s) : Ethoxylated branched C9-11, C10-rich alcohols
• Hazard pictogram(s)



• Signal word : Warning
• Hazard statements : H319 - Causes serious eye irritation.
• Precautionary statements
- Prevention : P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response : P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Physical/chemical hazards : No significant danger.
Hazards for the health : No additional hazard.
Hazards for the environment : No significant danger. This product is no substance or contains no PBT or vPvB (in accordance with Annex XIII).



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SECTION 2. Hazards identification (continued)

Hazards for the safety : May be dangerously slippery if spilled.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

HARMFUL COMPONENT(S)

Name component(s)	Weight %	CAS nr	EINECS nr	Index nr	Reach nr	CLASSIFICATION
Ethoxylated branched C9-11, C10-rich alcohols	1 < 3 %	78330-20-8	POLYMER	----	EXEMPTED	Acute Tox. 4 (oral); H302 Eye Dam. 1; H318
2-(2-Butoxyethoxy)ethanol	1 < 3 %	112-34-5	203-961-6	603-096-00-8	01-2119475104-44	Eye Irrit. 2; H319

The full text of the (EU)H-statements is in section 16.

SECTION 4. First aid measures

4.1. Description of first aid measures

- General : In case of doubt or persistent symptoms, call a physician.
Never give anything by mouth to an unconscious person.
- First Aid Measures
- Inhalation : Remove victim into fresh air.
Allow the affected person to rest in semi-sitting position.
If not breathing, give artificial respiration.
Consult a doctor.
 - Skin Contact : Remove contaminated clothing and shoes.
Rinse skin immediately with plenty of water. (shower if necessary).
Consult doctor if irritation develops.
 - Eye Contact : Rinse immediately thoroughly and long (at least 15 min.) with plenty of water.
Remove contact lenses.
Consult eye doctor.
Keep rinsing or dripping the eye during transport.
 - Ingestion : DO NOT INDUCE VOMITING. Rinse mouth with water.
Give victim plenty of water to drink.
Seek medical advice.

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

See section 11.

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

For specialist advice doctors should contact the NVCI.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Extinguishing Media

- Suitable : Extinguishing powder , Foam , Carbon dioxide (CO₂) , Water spray .
- Unsuitable : Heavy water stream .

5.2. Special hazards arising from the substance or mixture

Special Exposure Hazards : Fire may liberate carbon oxides (CO) and smoke.

5.3. Advice for firefighters



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SECTION 5. Firefighting measures (continued)

- Special Protective Equipment for Firefighters : Use self-contained breathing apparatus and wear protective clothes when in close proximity to fire.
- Special Procedures : Apply water spray or fog to cool nearby equipment. Avoid fire-fighting water to enter environment.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal Precautions : Evacuate all personnel immediately and ventilate area.
Avoid breathing vapour and contact with eyes.
Wear recommended personal protective equipment. (See section 8)

6.2. Environmental precautions

- Environmental Precautions : Shut off leaks if without risks.
Dike in the spilled product as much as possible with inert material.
Prevent entry of product in public water, sewers or soil.
Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for Cleaning Up : Collect the spillage in closable, suitable disposal containers.
Clean up any spills as soon as possible, using an inert absorbent material.
Residue is to be washed down with plenty of water.

6.4. Reference to other sections

- For personal protection, see section 8.
For the removal of the waste product, see section 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

- Handling : Avoid breathing vapour and contact with eyes.
Wear recommended personal protective equipment. (See section 8)
When using, do not eat, drink or smoke.
Wash hands before and after working with the product.
Emergency eye wash fountains and showers should be available in the immediate vicinity of any potential exposure.

7.2. Conditions for safe storage, including any incompatibilities

- Storage : Keep only in the original, safely locked container in a well ventilated and dry place.
All dangerous products should be placed on a drip tray or should be barreled.
- Packaging Material : Synthetic material .
- Insuitable Packaging Material : Metals .

7.3. Specific end use(s)

- For identified uses, see subsection 1.2 and/or exposure scenarios.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

- Occupational Exposure Limits : For harmful components :
2-(2-Butoxyethoxy)ethanol : Limit value (BE) : 20 ppm (98 mg/m³) (2014)
2-(2-Butoxyethoxy)ethanol : Short time value (BE) : 50 ppm (246 mg/m³) (2014)
2-(2-Butoxyethoxy)ethanol : Limit value (TWA 8 h) (NL) : 9 ppm (50 mg/m³) (2007) (H)
2-(2-Butoxyethoxy)ethanol : Limit value (TWA 15 min) (NL) : 18 ppm (100 mg/m³) (



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SECTION 8. Exposure controls/personal protection (continued)

	2007) (H) (H) The addition of an "H" indicates that the substance is relative easily absorbed by the skin.
Biological limit values	: They will be included when available.
DNELs	: For harmful components : <ul style="list-style-type: none">• Ethoxylated branched C9-11, C10-rich alcohols : Not applicable• 2-(2-Butoxyethoxy)ethanol : Worker, long-term - local effects, inhalation : 67,5 mg/m³• 2-(2-Butoxyethoxy)ethanol : Worker, long-term - systemic effects, inhalation : 67,5 mg/m³• 2-(2-Butoxyethoxy)ethanol : Consumer, acute - local effects, inhalation : 50,6 mg/m³• 2-(2-Butoxyethoxy)ethanol : Worker, long-term - systemic effects, dermal : 20 mg/kg bw/day• 2-(2-Butoxyethoxy)ethanol : Consumer, long-term - local effects, inhalation : 34 mg/m³• 2-(2-Butoxyethoxy)ethanol : Consumer, long-term - systemic effects, inhalation : 34 mg/m³• 2-(2-Butoxyethoxy)ethanol : Consumer, long-term - systemic effects, dermal : 10 mg/kg bw/day
PNECs	: For harmful components : <ul style="list-style-type: none">• Ethoxylated branched C9-11, C10-rich alcohols : Not applicable• 2-(2-Butoxyethoxy)ethanol : Fresh water : 1 mg/l• 2-(2-Butoxyethoxy)ethanol : Marine water : 0,1 mg/l• 2-(2-Butoxyethoxy)ethanol : Fresh water sediment : 4 mg/kg• 2-(2-Butoxyethoxy)ethanol : Marine water sediment : 0,4 mg/kg• 2-(2-Butoxyethoxy)ethanol : Intermittent release : 3,9 mg/l• 2-(2-Butoxyethoxy)ethanol : Sewage treatment plant : 200 mg/l
8.2. Exposure controls	
Engineering Measures	: Ventilation , Local exhaust .
Personal Protection Equipment	
- Respiratory protection	: CE-approved mask for organic vapours and solvents (type A, brown).
- Skin protection	: Suitable protective clothing .
- Hand protection	: Suitable material for safety gloves (EN 374): As the product is a mixture of several substances, the durability of the glove materials can't be calculated in advance and has to be tested before use. <ul style="list-style-type: none">- material : Neoprene- thickness : 0,5 mm- breakthrough time : > 8 h
- Eye/Face protection	: Closed safety glasses or face shield.
Environmental exposure controls	: See sections 6, 7, 12 and 13.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State (20°C)	: Liquid .
Form/Colour	: Clear , Colourless .
Odour	: Characteristic odour .
Odour threshold	: No data available for the mixture.
pH value	: 4,65 - 5,65
Melting/Freezing point	: No data available for the mixture.



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SECTION 9. Physical and chemical properties (continued)

Boiling Point/Range (1013 hPa)	: No data available for the mixture.
Flash point	: Not applicable.
Evaporation rate	: No data available for the mixture.
Explosion limits in air	: Not applicable.
Vapour pressure	: No data available for the mixture.
Relative vapour density (air=1)	: No data available for the mixture.
Relative density of saturated vapour/air mixture (air=1)	: No data available for the mixture.
Density (20°C)	: 1,001 - 1,003 kg/l
Solubility in water (20°C)	: Complete solubility .
Log P Octanol/Water at 25°C	: No data available for the mixture.
Auto-ignition temperature	: No data available for the mixture.
Minimum ignition energy	: No data available for the mixture.
Decomposition temperature	: No data available for the mixture.
Viscosity	: No data available for the mixture.
Explosive properties	: No chemical groups associated with explosive properties .
Oxidizing properties	: No chemical groups associated with oxidizing properties .

SECTION 10. Stability and reactivity

10.1. Reactivity

Reactivity : None known .

10.2. Chemical stability

Stability : Stable at normal circumstances .

10.3. Possibility of hazardous reactions

Hazardous reactions : None known .

10.4. Conditions to avoid

Conditions to avoid : None known .

10.5. Incompatible materials

Materials to avoid : None known .

10.6. Hazardous decomposition products

Hazardous Decomposition Products : Carbon oxides .

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

- Inhalation : Symptoms include: Sore throat , Cough , Difficulty in breathing .
For harmful components :
 - Ethoxylated branched C9-11, C10-rich alcohols : LC50 (Rat, inhalation, 4 h) : No data available.
 - 2-(2-Butoxyethoxy)ethanol : LC0 (Rat, inhalation, 4 h) : >2,1 mg/l
- Skin contact : Symptoms include: Redness , Pain .
For harmful components :
 - Ethoxylated branched C9-11, C10-rich alcohols : LD50 (Rabbit, dermal) : >2000 mg/kg
 - 2-(2-Butoxyethoxy)ethanol : LD50 (Rabbit, dermal) : 2764 mg/kg



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SECTION 11. Toxicological information (continued)

- Ingestion	: Symptoms include: Abdominal pain . For harmful components : <ul style="list-style-type: none">• Ethoxylated branched C9-11, C10-rich alcohols : LD50 (Rat, oral) : >2000 mg/kg• 2-(2-Butoxyethoxy)ethanol : LD50 (Rat, oral) : 2410 mg/kg
Skin corrosion/irritation	: Not irritant .
Serious eye damage/irritation	: Causes serious eye irritation.
Aspiration hazard	: Data are insufficient to determine harmful effects to humans.
Respiratory or skin sensitisation	: Not sensitive .
Carcinogenicity	: Not listed as carcinogenic .
Mutagenicity	: Not listed as mutagenic .
Reproductive toxicity	: Not listed for reproductive toxicity .
Specific target organ toxicity - single exposure	: To human : Listed not for organ toxicity . For animals : No data available for the mixture.
Specific target organ toxicity - repeated exposure	: To human : Listed not for organ toxicity . For animals : No data available for the mixture.

SECTION 12. Ecological information

12.1. Toxicity

Ecotoxicity	: For harmful components : <ul style="list-style-type: none">• Ethoxylated branched C9-11, C10-rich alcohols : LC50 (Fish, 96 h) : 1-10 mg/l• Ethoxylated branched C9-11, C10-rich alcohols : EC50 (Algae, 72 h) : 1-10 mg/l• Ethoxylated branched C9-11, C10-rich alcohols : EC50 (Daphnia magna, 48 h) : 1-10 mg/l• 2-(2-Butoxyethoxy)ethanol : EC50 (Algae, 96 h) : >100 mg/l• 2-(2-Butoxyethoxy)ethanol : LC50 (Fish, 96 h) : 1300 mg/l (Lepomis Macrochirus)• 2-(2-Butoxyethoxy)ethanol : EC50 (Daphnia magna, 48 h) : >100 mg/l
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12.2. Persistence and degradability

Persistence and degradability	: For harmful components : <ul style="list-style-type: none">• Ethoxylated branched C9-11, C10-rich alcohols : Persistence and degradability : Easily biologically degradable.• 2-(2-Butoxyethoxy)ethanol : Persistence and degradability : Readily biodegradable .
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12.3. Bioaccumulative potential

Bioaccumulation	: For harmful components : <ul style="list-style-type: none">• Ethoxylated branched C9-11, C10-rich alcohols : Bioaccumulation : No data available.• 2-(2-Butoxyethoxy)ethanol : Bioaccumulation : Little chance on bioaccumulation .
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12.4. Mobility in soil

Mobility	: For harmful components : <ul style="list-style-type: none">• Ethoxylated branched C9-11, C10-rich alcohols : Mobility : No data available.• 2-(2-Butoxyethoxy)ethanol : Mobility : High mobility in most soils.
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12.5. Results of PBT and vPvB assessment

Evaluation	: For harmful components : <ul style="list-style-type: none">• Ethoxylated branched C9-11, C10-rich alcohols : PBT/vPvB : No• 2-(2-Butoxyethoxy)ethanol : PBT/vPvB : No
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12.6. Other adverse effects

Photochemical ozone creation potential	: No data available for the mixture.
Ozone depletion potential	: No data available for the mixture.



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SECTION 12. Ecological information (continued)

Endocrine disrupting potential : No data available for the mixture.
Global warming potential : No data available for the mixture.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Waste from residues/Unused products : The product has to be destroyed according to national or local legislation, by a company specialised in handling hazardous waste products.
European list of waste products : XXXXXX - European waste product code. This code is assigned on the basis of the most current applications and can not be representative for pollutions which are arisen at the effective use of the product. The producer of the waste has to evaluate its process himself and has to grant the appropriate waste coding. See Decision 2001/118/EC.
Removal contaminated packaging : Packing is to be used exclusively for the packing of this product. After use, empty and close the packing very carefully.

SECTION 14. Transport information

14.1. UN number

UN Number : -

14.2. UN proper shipping name

ADR/RID Name : -
ADN Name : -
IMDG Name : -
IATA Name : -

14.3. Transport hazard classe(s)

Class : -

14.4. Packing group

Packaging Group : -

14.5. Environmental hazards

Environmentally hazard : -
Marine pollutant : -

14.6. Special precautions for user

Danger number : -
Hazard Label(s) : -
EmS-N° : -

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Type ship : -
Pollution category : -

SECTION 15. Regulatory information

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

Relevant EU Rule(s) : Directive 98/24/EC of the Council of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work
Decision 2001/118/EC of the Commission of 16 January 2001 amending Decision 2000/532/EC as regards the list of wastes



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SECTION 15. Regulatory information (continued)

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
Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (Reach)

The restrictions in Annex XVII to Regulation (EC) No 1907/2006 must be observed.

National regulations

- Germany : WGK : No data available for the mixture.
- Netherlands : Water damaging : No data available for the mixture.
Decontamination exertion : No data available for the mixture.

15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out for the components that make up this material.

SECTION 16. Other information

This safety data sheet has been drawn up in accordance with Regulation (EC) No 1907/2006.
This safety data sheet is exclusively made for industrial/professional use.

- Sources of used key data : The information contained herein is based on the present state of our knowledge (Producers of starting materials , ...).
See also on the webaddress:
<http://apps.echa.europa.eu/registered/registered-sub.aspx#search>
- (EU)H-statement(s) : H302 - Harmful if swallowed.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
- Classification procedure : Eye Irrit. 2; H319 - Additivity method
- List of abbreviations and acronyms : Acute Tox. 4, oral : Acute toxicity, oral - Category 4
ADN (Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation interieur) : European agreement concerning the international carriage of dangerous goods by inland waterways
ADR (Accord européen relatif au transport international des marchandises Dangereuses par Route) : European agreement concerning the international carriage of dangerous goods by road
CO : Carbon monoxide
DNEL (Derived No Effect Level) : an estimated safe exposure level
EC50 : median Effective Concentration
EmS (Emergency Schedule) : the first code refers to the relevant fire schedule and the second code refers to the relevant spillage schedule
Eye Dam. 1 : Serious eye damage - Category 1
Eye Irrit. 2 : Eye irritation - Category 2
IATA (International Air Transport Association) : provisions concerning the international carriage of dangerous goods by air
IMDG (International Maritime Dangerous Goods code)
LC50 : median Lethal Concentration
LD50 : median Lethal Dose
NVCI : National Poisoning Information Center
PBT : persistent, bioaccumulative and toxic
PNEC (Predicted No Effect Concentration) : concentration below which exposure to a substance is not expected to cause adverse effects
REACH : Registration, Evaluation, Authorisation and restriction of Chemicals
RID (Règlement concernant le transport International ferroviaire des marchandises Dangereuses) : Regulation concerning the International carriage of Dangerous goods by rail



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SECTION 16. Other information (continued)

TWA (Time-Weighted Average) : the average exposure over a specified period
WGK (Wassergefährdungsklasse) : a German classification of substances that indicate the environmental hazard for surface water
vPvB : very persistent and very bioaccumulative

This information is to our knowledge correct and complete on the date of issue of this safety data sheet. The information only concerns the product and does not give any guarantee for the quality and the completeness of the properties of the product, or in case of mixing or using in any other process. It remains the responsibility of the user to assure himself that the information is suitable and complete concerning the special use he makes of the product.
BRENNTAG denies all responsibility for loss or damage resulting from the use of these data.

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