Solvent Spotter & Stain Remover

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 18/08/2025 Revision date: 18/08/2028 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : Solvent Spotter

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

Relevant identified uses

Main use category : Industrial use,Professional use

1.3. Details of the supplier of the safety data sheet

Supplier
BRIGHTCHEM
39 SWIFT CLOSE
WOODLANDS
DONCASTER
DN67FT
+44(0)7928795132
SALES@BRIGHTCHEM.CO.UK

Supplierinformation
BRIGHTCHEM
39 SWIFT CLOSE
WOODLANDS
DONCASTER
DN67FT
+44(0)7928795132
SALES@BRIGHTCHEM.CO.UK

1.4. Emergency telephone number

Emergency number : +44(0)7928795132 (Office hours only)

				Comment
United Kingdom	NHS 111/NHS 24/NHS Direct			or call a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3	H226
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS07

	: Warning
	: H226 - Flammable liquid and vapour. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective clothing, eye protection, face protection, protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of water. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	EC-No.: 918-481-9 REACH-no: 01-2119457273-39	≥ 50 – < 70	Asp. Tox. 1, H304
(2-Methoxymethylethoxy)propanol substance with national workplace exposure limit(s) (GB, IE); substance with a Community workplace exposure limit	CAS-No.: 34590-94-8 EC-No.: 252-104-2 REACH-no: 01-2119450011-60	≥ 20 – < 30	Not classified
Ethanol substance with national workplace exposure limit(s) (GB)	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-43	≥ 10 – < 30	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Butyl Glycol substance with national workplace exposure limit(s) (GB, NL); substance with a Community workplace exposure limit	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0 REACH-no: 01-2119475108-36	≥ 5 – < 10	Acute Tox. 3 (Inhalation), H331 (ATE=0.5 mg/l/4h) Acute Tox. 4 (Oral), H302 (ATE=1200 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Irrit. 2, H319 Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane substance with a Community workplace exposure limit	CAS-No.: 64742-49-0 EC-No.: 921-024-6 REACH-no: 01-2119475514-35	≥ 5 – < 10	Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
methanol substance with national workplace exposure limit(s) (GB, NL); substance with a Community workplace exposure limit	CAS-No.: 67-56-1 EC-No.: 200-659-6 EC Index-No.: 603-001-00-X REACH-no: 01-2119433307-44	≥ 0.1 – < 5	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 (ATE=500 mg/m³) Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight) Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) STOT SE 1, H370

Specific concentration limits:		
Name methanol	**Product identifier**	**Specific concentration limits (%)**
	CAS-No.: 67-56-1 EC-No.: 200-659-6 EC Index-No.: 603-001-00-X REACH-no: 01-2119433307-44	(3 ≤ C < 10) STOT SE 2; H371 (10 ≤ C ≤ 100) STOT SE 1; H370

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact : Causes skin irritation. irritation (itching, redness, blistering). Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : redness, itching, tears. Causes eye irritation. stinging.

Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting. May be harmful if swallowed. May cause irritation to the digestive tract.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Evacuate area.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Stop leak if safe to do so.

For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Cover spill with non combustible material, e.g.: sand, earth, vermiculite.
Methods for cleaning up : Take up liquid spill into absorbent material. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Storage area : Store away from heat.
Special rules on packaging : Keep only in original container.
Packaging materials : Keep only in the original container in a cool,well-ventilated place away from combustible materials.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

(2-Methoxymethylethoxy)propanol (34590-94-8)	
Ireland - Occupational Exposure Limits	
OEL TWA	
	308 mg/m³
	50 ppm
United Kingdom - Occupational Exposure Limits	
Local name	(2-methoxymethylethoxy) propanol
WEL TWA (OEL TWA)	308 mg/m³
	50 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Ethanol (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (OEL TWA)	1920 mg/m³
	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

methanol (67-56-1)	
United Kingdom - Occupational Exposure Limits	
Local name	Methanol
WEL TWA (OEL TWA)	266 mg/m³
	200 ppm
WEL STEL (OEL STEL)	333 mg/m³
	250 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Butyl Glycol (111-76-2)	
United Kingdom - Occupational Exposure Limits	
Local name	2-Butoxyethanol
WEL TWA (OEL TWA)	123 mg/m³
	25 ppm
WEL STEL (OEL STEL)	246 mg/m³
	50 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Butyl Glycol (111-76-2)	
United Kingdom - Biological limit values	
Local name	2-Butoxyethanol
BMGV	240 mmol/mol Creatinine Parameter: butoxyacetic acid - Medium: urine - Sampling time: Post shift
	EH40/2005 (Fourth edition, 2020). HSE
Regulatory reference	

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the workstation.

Personal protection equipment

Personal protective equipment symbol(s):

Eye and face protection

Eye protection:

Safety glasses

Eye protection			
Type	**Field of application**	**Characteristics**	**Standard**
Safety glasses, Safety goggles	Dust, Fine dust	With side shields	EN 166

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

Hand protection					
Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**	**Standard**
Disposable gloves	Nitrile rubber (NBR), Butyl rubber, Polyvinylchloride (PVC)	5 (> 240 minutes)	0.44		EN 374-2

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection			
Device	**Filter type**	**Condition**	**Standard**
Aerosol mask	Filter AX (brown)	Vapour protection, Protection for Liquid particles	EN 14387

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid : clear. :
Colour	Coconut. : Not
Odour	available : Not
Odour threshold	applicable : Not
Melting point	available :
Freezing point	144.75 °C : Not
Boiling point	applicable : Not
Flammability	available : Not
Lower explosion limit	available : 51.3
Upper explosion limit	°C : 250 °C : Not
Flash point	available : Not
Auto-ignition temperature	available : Not
Decomposition temperature	available : Not
pH	available : Not
Viscosity, kinematic	available : Not
Solubility	available : Not
Partition coefficient n-octanol/water (Log Kow)	available : 0.645
Vapour pressure	: Not available :
Vapour pressure at 50°C	Not available :
Density	Not applicable
Relative density	
Relative vapour density at 20°C	
Particle characteristics	

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Combustible materials. Oxidizing agent. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified :
Acute toxicity (dermal)	Not classified :
Acute toxicity (inhalation)	Not classified

(2-Methoxymethylethoxy)propanol (34590-94-8)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 19020 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	9510 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg bw/day
LD50 oral	8300 mg/kg bodyweight Animal: mouse, Remarks on results: other:
LD50 dermal rat	15800 mg/kg
LC50 Inhalation - Rat (Vapours)	20 mg/l/4h

methanol (67-56-1)	
LD50 oral	5628 mg/kg bodyweight
LD50 dermal	15800 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	85000 mg/l

Butyl Glycol (111-76-2)	
LD50 oral rat	1300 mg/kg 1414 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1020 - 1961 435 mg/kg bodyweight
LD50 oral	
LD50 dermal	2200 mg/l
LC50 Inhalation - Rat (Dust/Mist)	

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (64742-49-0)	
LD50 oral rat	5841 mg/kg
LD50 dermal rat	> 2920 mg/kg
LC50 Inhalation - Rat	50.6 mg/l

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal

Skin corrosion/irritation : Causes skin irritation.

(2-Methoxymethylethoxy)propanol (34590-94-8)	
pH	7.5 – 7.7

Ethanol (64-17-5)	
pH	7

methanol (67-56-1)	
pH	7

Butyl Glycol (111-76-2)	
pH	7

	7

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (64742-49-0)	
pH	7

: Causes serious eye irritation.

(2-Methoxymethylethoxy)propanol (34590-94-8)	
pH	7.5 – 7.7

Ethanol (64-17-5)	
pH	

methanol (67-56-1)	
pH	7

Butyl Glycol (111-76-2)	
pH	
	7

	7

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (64742-49-0)	
pH	7

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

Butyl Glycol (111-76-2)	
LOAEL (animal/male, F1)	720 mg/kg

STOT-single exposure : Not classified

methanol (67-56-1)	
STOT-single exposure	Causes damage to organs (central nervous system, eyes) (if inhaled, in contact with skin).

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (64742-49-0)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

(2-Methoxymethylethoxy)propanol (34590-94-8)	
LOAEL (dermal, rat/rabbit, 90 days)	≥ 4750 mg/kg bodyweight/day
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: other:

Ethanol (64-17-5)	
NOAEL (subchronic, oral, animal/male, 90 days)	< 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
NOAEL (subchronic, oral, animal/female, 90 days)	> 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)

Butyl Glycol (111-76-2)	
NOAEL (dermal, rat/rabbit, 90 days)	> 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard : Not classified

(2-Methoxymethylethoxy)propanol (34590-94-8)	
Viscosity, kinematic	4.55 mm²/s

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (64742-49-0)	
Viscosity, kinematic	0.52 mm²/s [ASTM D 445]

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
Viscosity, kinematic	1.8 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Harmful to aquatic life with long lasting effects.

(2-Methoxymethylethoxy)propanol (34590-94-8)	
LC50 - Fish [1]	10000 mg/l (Pimephales promelas (fathead minnow); 96 h)
EC50 - Other aquatic organisms [1]	1930 mg/l Test organisms (species): other aquatic crustacea:
EC50 72h - Algae [1]	> 969 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 969 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
LOEC (chronic)	0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
NOEC (chronic)	≥ 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
NOEC chronic fish	0.5 mg/l

Ethanol (64-17-5)	
LC50 - Fish [1] LC50 - Fish [2] EC50	14.2 g/l Test organisms (species): Pimephales promelas
72h - Algae [1] NOEC (chronic)	> 100 mg/l Leuciscus idus (Golden orfe)
NOEC chronic fish	275 mg/l (Chlorella vulgaris)

methanol (67-56-1)	
LC50 - Fish [1] EC50 - Other aquatic	9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d'
organisms [1] EC50 - Other aquatic	9.6 mg/l Daphnia magna
organisms [2] EC50 96h - Algae [1]	10800 mg/l 10000

~~Butyl Glycol (111-76-2)~~	
LC50 - Fish [1]	mg/l waterflea 12000
	mg/l 22000 mg/l

	1474 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1] EC50 - Other	≈ 1800 mg/l Test organisms (species): Daphnia magna
aquatic organisms [1] EC50 - Other	1550 mg/l waterflea
aquatic organisms [2] NOEC	911 mg/l
(chronic) NOEC chronic fish	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
	≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (64742-49-0)	
LC50 - Fish [1]	11.4 mg/l

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (64742-49-0)	
EC50 - Crustacea [1]	3 mg/l Daphnia 10 mg/l Pseudokirchneriella subcapitata 0.32 mg/l
EC50 72h - Algae [1]	Test organisms (species): Daphnia magna Duration: '21 d' 0.17 mg/l
LOEC	Test organisms (species): Daphnia magna Duration: '21 d' 1 mg/l
NOEC	Daphnia - Daphnia magna
NOEC fish	

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LC50 - Fish [1]	> 1000 mg/l
EC50 - Other aquatic organisms [2]	EC50 Daphnia 1 > 1000 mg/l

12.2. Persistence and degradability

Solvent Spotter	
Persistence and degradability	Not rapidly degradable

(2-Methoxymethylethoxy)propanol (34590-94-8)	
Persistence and degradability	Not rapidly degradable

Ethanol (64-17-5)	
Persistence and degradability	Not rapidly degradable

methanol (67-56-1)	
Persistence and degradability	

Butyl Glycol (111-76-2)	
Persistence and degradability	Not rapidly degradable

	Not rapidly degradable

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (64742-49-0)	
Persistence and degradability	Not rapidly degradable

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

(2-Methoxymethylethoxy)propanol (34590-94-8)	
Partition coefficient n-octanol/water (Log Pow)	0.004

Ethanol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	

methanol (67-56-1)	
Partition coefficient n-octanol/water (Log Pow)	0.31

Butyl Glycol (111-76-2)	
Bioconcentration factor (BCF REACH)	-0.7

Partition coefficient n-octanol/water (Log Pow)	
	3.2
	0.8

12.4. Mobility in soil

(2-Methoxymethylethoxy)propanol (34590-94-8)	
Mobility in soil	The product is water soluble. Highly mobile in soils

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

HP Code : HP3 - "Flammable:"

– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.

HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

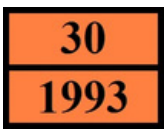
ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1993	UN 1993	UN 1993	UN 1993	UN 1993
14.2. UN proper shipping name				
FLAMMABLE LIQUID, N.O.S. (Ethanol; Butyl Glycol)	FLAMMABLE LIQUID, N.O.S. (Ethanol; Butyl Glycol)	Flammable liquid, n.o.s. (Ethanol; Butyl Glycol)	FLAMMABLE LIQUID, N.O.S. (Ethanol; Butyl Glycol)	FLAMMABLE LIQUID, N.O.S. (Ethanol; Butyl Glycol)

ADR	IMDG	IATA	ADN	RID
Transport document description				
UN 1993 FLAMMABLE LIQUID, N.O.S. (Ethanol; Butyl Glycol), 3, III, (D/E)	UN 1993 FLAMMABLE LIQUID, N.O.S. (Ethanol; Butyl Glycol), 3, III	UN 1993 Flammable liquid, n.o.s. (Ethanol; Butyl Glycol), 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S. (Ethanol; Butyl Glycol), 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S. (Ethanol; Butyl Glycol), 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-E EmS-No. (Spillage): S-E	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport Classificationcode (ADR)
Special provisions (ADR) Limited quantities (ADR) : F1
Excepted quantities (ADR) Packing instructions : 274, 601
(ADR) Mixed packing provisions (ADR) Portable tank : 5l
and bulk container instructions (ADR) Portable tank : E1
and bulk container special provisions (ADR) Tank : P001, IBC03, LP01, R001
code (ADR) Vehicle for tank carriage Transport : MP19
category (ADR) Special provisions for carriage - : T4
Packages (ADR) Special provisions for carriage - : TP1, TP29
Operation (ADR) Hazard identification number
(Kemler No.) Orange plates

: LGBF
: FL
: 3
: V12
: S2
: 30
:



Tunnel restriction code (ADR) : D/E
EAC code : •3Y

Transport by sea

Special provisions (IMDG) : 223, 274, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : LP01, P001
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
Stowage category (IMDG) : A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3L

Inland waterway transport

Classificationcode (ADN)	: F1
Special provisions (ADN)	: 274, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0

Rail transport

Classificationcode (RID)	: F1
Special provisions (RID)	: 274, 601
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	
Transport category (RID)	: LGBF
Special provisions for carriage – Packages (RID)	: 3
Colis express (express parcels) (RID)	: W12
Hazard identification number (RID)	: CE4
	: 30

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

accordingtotheREACHRegulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant

Abbreviations and acronyms:	
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal) Acute Tox. 3 (Inhalation) Acute Tox. 3 (Oral) Acute Tox. 4 (Oral) Aquatic Chronic 2 Asp. Tox. 1 Eye Irrit. 2 Flam. Liq. 2 Skin Irrit. 2 STOT SE 1 STOT SE 2 STOT SE 3 H225 H226 H301 H302 H304 H311 H315 H319 H331 H336 H370 H371 H411 H412	Acute toxicity (dermal), Category 3 Acute toxicity (inhal.), Category 3 Acute toxicity (oral), Category 3 Acute toxicity (oral), Category 4 Hazardous to the aquatic environment – Chronic Hazard, Category 2 Aspiration hazard, Category 1 Serious eye damage/eye irritation, Category 2 Flammable liquids, Category 2 Skin corrosion/irritation, Category 2 Specific target organ toxicity – single exposure, Category 1 Specific target organ toxicity – Single exposure, Category 2 Specific target organ toxicity – Single exposure, Category 3, Narcosis Highly flammable liquid and vapour. Flammable liquid and vapour. Toxic if swallowed. Harmful if swallowed. May be fatal if swallowed and enters airways. Toxic in contact with skin. Causes skin irritation. Causes serious eye irritation. Toxic if inhaled. May cause drowsiness or dizziness. Causes damage to organs. May cause damage to organs. Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.