

SpidoClean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 08/20/2018

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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : SpidoClean
Product code : DB1045A0 ; DB1046A0

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Oven cleaners

1.3. Supplier

Spidocook S.r.l.
Via dell'Artigianato ,2
35010 Vigodarzere (PD)- Italy
T +39 049 70.21.58
www.spidocook.com

1.4. Emergency telephone number

Emergency number : (+)1 760 476 3962
24/24
Access Code: 334577

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable liquids, Category 4
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 1

Combustible liquid
Causes skin irritation.
Causes serious eye damage.

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

: Danger

Hazard statements (GHS-US) :

: Combustible liquid
Causes skin irritation.
Causes serious eye damage.

Precautionary statements (GHS-US) :

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wash hands, forearms and face thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water/...
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center/doctor/...
Specific treatment (see supplemental first aid instruction on this label)
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use media other than water to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
2-Butoxyethanol-	(CAS-No.) 111-76-2	5 - 6.5	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
alcohols, C12-14, ethoxylated-	(CAS-No.) 68439-50-9	1.5 - 2	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
sodium hydroxide, caustic soda-	(CAS-No.) 1310-73-2	1.5 - 1.9	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318
Sulfonic acids, C13-17-sec-alkane, sodium salts-	(CAS-No.) 85711-69-9	1 - 1.5	Skin Irrit. 2, H315 Eye Dam. 1, H318

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Self-protection of the first aider.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention immediately.
First-aid measures after skin contact	: Immediately rinse with plenty of water (for at least 15 minutes). Remove contaminated clothing immediately and dispose of safely. Wash contaminated clothing before reuse. Seek medical attention immediately.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Protect uninjured eye. Immediately get medical attention.
First-aid measures after ingestion	: Immediately call a POISON CENTER or doctor/ physician. Never give anything by mouth to an unconscious person. Do not induce vomiting.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: Corrosive to respiratory system. Causes burns.
Symptoms/effects after skin contact	: Causes severe burns.
Symptoms/effects after eye contact	: Causes serious eye damage. Corneal opacity. Iris lesions.
Symptoms/effects after ingestion	: Severe irritation or burns to the mouth, throat, oesophagus, and stomach.

4.3. Immediate medical attention and special treatment, if necessary

Keep under medical supervision for at least 48 hours. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water fog, carbon dioxide (CO2), dry chemical powder, foam.
Unsuitable extinguishing media	: None known.

5.2. Specific hazards arising from the chemical

Fire hazard	: On burning: release of (highly) toxic gases/vapours.
Explosion hazard	: None known.
Reactivity	: Stable under normal conditions of use.

5.3. Special protective equipment and precautions for fire-fighters

Precautionary measures fire	: Evacuate the personnel away from the fumes.
Firefighting instructions	: Cool down the containers exposed to heat with a water spray. Move undamaged containers from immediate hazard area if it can be done safely.

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Protective equipment for firefighters	: Extra personal protection: complete protective clothing including self-contained breathing apparatus. Standard EN 469 - Protective clothing for firefighters. Standard - EN 659: Protective gloves for firefighters. Container device with compressed air (DIN EN 137). HO A29 & A30.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Wear personal protection equipment. Do not attempt to take action without suitable protective equipment.
Emergency procedures	: Immediately contact emergency personnel. Eliminate all ignition sources if safe to do so. Spilled material may present a slipping hazard.

6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing, gloves and eye/face protection. Do not attempt to take action without suitable protective equipment. In presence of product's residue, total impervious protective suits, gloves, and boots must be worn.
Emergency procedures	: Evacuate unnecessary personnel. Eliminate all ignition sources if safe to do so. Spilled material may present a slipping hazard. Avoid inhalation of vapours. Ventilate affected area. Consult an expert.

6.2. Environmental precautions

Avoid release to the environment. Avoid sub-soil penetration. Relevant water authorities should be notified of any large spillage to water course or drain.

6.3. Methods and material for containment and cleaning up

For containment	: Stop leak if safe to do so. Recover small spills with a suitable absorbent, like diatomaceous earth. Recover large spills by pumping (use an explosion proof or hand pump).
Methods for cleaning up	: Ventilate affected area. Wear personal protection equipment. Collect in closed containers for disposal. Wash with plenty of soap and water. Consult the appropriate authorities about waste disposal. Wash contaminated area with large amounts of water.
Other information	: Do not allow uncontrolled discharge of product into the environment.

6.4. Reference to other sections

For disposal of residues refer to section 13: "Disposal considerations". For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid contact with skin and eyes. Avoid breathing mist or vapor. Keep away from sources of ignition - No smoking. Take any precaution to avoid mixing with incompatible materials. Open and handle container with care. Ensure operatives are trained to minimise exposures. Avoid formation of vapours.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Provide adequate ventilation.
Storage conditions	: Store tightly closed in a dry, cool and well-ventilated place. Keep out of direct sunlight.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.
Heat and ignition sources	: Keep away from open flames, hot surfaces and sources of ignition.
Information on mixed storage	: Keep away from food, drink and animal feeding stuffs.
Storage area	: Use explosion-proof lighting equipment.
Special rules on packaging	: All containers must be labelled to warn against exposure. Prevent shock/impact.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

sodium hydroxide, caustic soda- (1310-73-2)		
ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	2 mg/m ³
NIOSH	NIOSH REL (ceiling) (mg/m ³)	2 mg/m ³

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alcohols, C12-14, ethoxylated- (68439-50-9)		
Not applicable		
Sulfonic acids, C13-17-sec-alkane, sodium salts- (85711-69-9)		
Not applicable		
2-Butoxyethanol- (111-76-2)		
ACGIH	Local name	2-Butoxyethanol (EGBE)
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
ACGIH	Regulatory reference	ACGIH 2018
OSHA	OSHA PEL (TWA) (mg/m ³)	240 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	50 ppm
OSHA	Limit value category (OSHA)	prevent or reduce skin absorption
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
IDLH	US IDLH (ppm)	700 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	24 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	5 ppm
NIOSH	US-NIOSH chemical category	SK: SYS-DIR(IRR) Apr 2011

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Safety glasses. Gloves. Protective clothing. An approved organic vapour respirator/supplied air or self-contained breathing apparatus must be used when vapour concentration exceeds applicable exposure limits.

Materials for protective clothing:

Rubbers. PVC (Polyvinyl chloride). Natural fibres (e.g. cotton). In case of repeated or prolonged exposure use chemical resistant protective apron/clothing (tested and approved in accordance with OSHA requirements (29 CFR 1910.132) or equivalent.

Hand protection:

Chemical resistant gloves (nitrile-rubber, PVC, neoprene). Breakthrough time: > 480 min. Thickness of the glove material 0.4-0.5 mm. Use equipment for hand protection tested and approved in accordance with OSHA requirements (29 CFR 1910.138)

Eye protection:

Do not wear contact lenses. Use equipment for eye protection tested and approved in accordance with OSHA requirements (29 CFR 1910.133)

Skin and body protection:

Wear chemical resistant apron. Wear work clothes with long sleeves. (tested and approved in accordance with OSHA requirements (29 CFR 1910.132) or equivalent.

Respiratory protection:

An approved organic vapour respirator/supplied air or self-contained breathing apparatus must be used when vapour concentration exceeds applicable exposure limits. Respirators should be used in accordance with OSHA requirements (29 CFR 1910.134).

Personal protective equipment symbol(s):



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless
Odour	: characteristic
Odour threshold	: No data available
pH	: 11 1% solution
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 100 °C
Flash point	: 92 °C ASTM D93 1998
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.03 kg/l
Solubility	: soluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: Not explosive as none of the components is classified as explosive or oxidizing.
Oxidising properties	: Not oxidising.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use. Oxidising agent, strong. May form peroxides.

10.4. Conditions to avoid

Protect from humidity. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Strong acids. Ammonia. Zinc. Lead. Aluminium. Flammable liquids.

10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases : Nitrogen oxides (NOx). Carbon dioxide (CO₂). Phosphorus oxides. Sulfur oxides. Pyrolysis products, toxic.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

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LD50 oral rat	> 2000 mg/kg
LD50 dermal	> 2000 mg/kg

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LC50 inhalation rat (mg/l)	> 20 mg/l/4h

sodium hydroxide, caustic soda- (1310-73-2)	
LD50 oral rat	1350 mg/kg
LD50 dermal rat	1350 mg/kg

2-Butoxyethanol- (111-76-2)	
LD50 oral rat	615 mg/kg
LC50 inhalation rat (mg/l)	2.2 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation. pH: 11 1% solution
Serious eye damage/irritation	: Causes serious eye damage. pH: 11 1% solution
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

2-Butoxyethanol- (111-76-2)	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

STOT-repeated exposure : Not classified

Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available

Symptoms/effects after inhalation	: Corrosive to respiratory system. Causes burns.
Symptoms/effects after skin contact	: Causes severe burns.
Symptoms/effects after eye contact	: Causes serious eye damage. Corneal opacity. Iris lesions.
Symptoms/effects after ingestion	: Severe irritation or burns to the mouth, throat, oesophagus, and stomach.

SECTION 12: Ecological information

12.1. Toxicity

alcohols, C12-14, ethoxylated- (68439-50-9)	
LC50 fish 1	< 1 mg/kg
EC50 Daphnia 1	< 1 mg/l

2-Butoxyethanol- (111-76-2)	
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

12.2. Persistence and degradability

2-Butoxyethanol- (111-76-2)	
Persistence and degradability	Rapidly degradable.

12.3. Bioaccumulative potential

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Bioaccumulative potential	Low bioaccumulation potential.

2-Butoxyethanol- (111-76-2)	
Log Pow	0.81 (at 25 °C)

12.4. Mobility in soil

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Ecology - soil	Expected to be highly mobile in soil.

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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

- Waste treatment methods : Reuse or recycle following decontamination. External recovery and recycling of waste should comply with applicable local and/or national regulations. Recycling is preferred to disposal or incineration.
- Sewage disposal recommendations : Land transport (ADR/RID).
- Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

alcohols, C12-14, ethoxylated- (68439-50-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

2-Butoxyethanol- (111-76-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

No additional information available

alcohols, C12-14, ethoxylated- (68439-50-9)

Listed on the Canadian DSL (Domestic Substances List)

Sulfonic acids, C13-17-sec-alkane, sodium salts- (85711-69-9)

Listed on the Canadian DSL (Domestic Substances List)

2-Butoxyethanol- (111-76-2)

Listed on the Canadian DSL (Domestic Substances List)

Toxic Substance (CEPA – Schedule I)

Yes

EU-Regulations

No additional information available

alcohols, C12-14, ethoxylated- (68439-50-9)

Listed on the EU NLP (No Longer Polymers) inventory

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Sulfonic acids, C13-17-sec-alkane, sodium salts- (85711-69-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

2-Butoxyethanol- (111-76-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

alcohols, C12-14, ethoxylated- (68439-50-9)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Sulfonic acids, C13-17-sec-alkane, sodium salts- (85711-69-9)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

2-Butoxyethanol- (111-76-2)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

No additional information available

SECTION 16: Other information

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Other information

: 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. It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product.

Full text of H-statements:

H227	Combustible liquid
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

Abbreviations and acronyms:

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SDS	Safety Data Sheet
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic
	CAS (Chemical Abstracts Service) number
	CSR - Chemical Safety Report

SDS US (GHS HazCom 2012)

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