

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml**

## Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

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

**1.1. Product identifier**

Code: 003\_183  
Product name: Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml

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

| Identified Uses        | Industrial | Professional | Consumer |
|------------------------|------------|--------------|----------|
| multipurpose detergent | -          | ✓            | ✓        |

**Uses Advised Against**

Do not use for uses other than those indicated

**1.3. Details of the supplier of the safety data sheet**

Name: BERGEN S.r.l.  
Full address: VIA ROMA, 90  
District and Country: 37060 CASTEL D'AZZANO (VR)  
Italia  
tel. +39 045512090  
www.bergen.it

e-mail address of the competent person  
responsible for the Safety Data Sheet

info@bergen.it

**1.4. Emergency telephone number**

For urgent inquiries refer to  
BERGEN S.r.l.  
+39 045512090  
(08.30 - 17.30)

### SECTION 2. Hazards identification

**2.1. Classification of the substance or mixture**

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

**Hazard classification and indication:**

|                            |              |                                                                             |
|----------------------------|--------------|-----------------------------------------------------------------------------|
| Aerosol, category 1        | H222<br>H229 | Extremely flammable aerosol.<br>Pressurised container: may burst if heated. |
| Eye irritation, category 2 | H319         | Causes serious eye irritation.                                              |

**2.2. Label elements**

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml**

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words:

Danger

Hazard statements:

**H222** Extremely flammable aerosol.  
**H229** Pressurised container: may burst if heated.  
**H319** Causes serious eye irritation.

Precautionary statements:

**P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
**P251** Do not pierce or burn, even after use.  
**P410+P412** Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.  
**P102** Keep out of reach of children.  
**P211** Do not spray on an open flame or other ignition source.  
**P101** If medical advice is needed, have product container or label at hand.  
**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingredients according to Regulation (EC) No. 648/2004

30% and more                      aliphatic hydrocarbons

perfumes

**2.3. Other hazards**

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

## SECTION 3. Composition/information on ingredients

### 3.1. Substances

Information not relevant

### 3.2. Mixtures

Contains:

| Identification | x = Conc. % | Classification 1272/2008 (CLP) |
|----------------|-------------|--------------------------------|
|----------------|-------------|--------------------------------|

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml****ETHANOL**

CAS 64-17-5

 $74 \leq x < 78$ 

Flam. Liq. 2 H225, Eye Irrit. 2 H319

EC 200-578-6

INDEX 603-002-00-5

Reg. no. 01-2119457610-43

**Hydrocarbons, C3-4**

CAS 68476-40-4

 $24 \leq x < 25,5$ 

Flam. Gas 1A H220, Press. Gas H280

EC 270-681-9

INDEX 649-199-00-1

Reg. no. 01-2119486557-22

The full wording of hazard (H) phrases is given in section 16 of the sheet.

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants.

Percentage of propellants: 24,80 %

**SECTION 4. First aid measures****4.1. Description of first aid measures**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

**SECTION 5. Firefighting measures****5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

**UNSUITABLE EXTINGUISHING EQUIPMENT**

None in particular.

**5.2. Special hazards arising from the substance or mixture****HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml**

breathe combustion products.

**5.3. Advice for firefighters****GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

**6.2. Environmental precautions**

Do not disperse in the environment.

**6.3. Methods and material for containment and cleaning up**

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

**SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

Storage class TRGS 510 (Germany):

2B

**7.3. Specific end use(s)**

Information not available

# Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Regulatory References:

|     |                     |                                                                                                                                                                                                                                   |
|-----|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DEU | Deutschland         | TRGS 900 - Seite 1 von 69 (Fassung 29.03.2019)- Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte                                                                                                                                |
| DNK | Danmark             | Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019                                                                                                                                             |
| ESP | España              | LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)                                                                                                                                                    |
| FRA | France              | Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS                                                                                                                                        |
| GBR | United Kingdom      | EH40/2005 Workplace exposure limits (Third edition, published 2018)                                                                                                                                                               |
| HRV | Hrvatska            | Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 91/18)                                                                       |
| NLD | Nederland           | Regeling van de Staatssecretaris van Sociale Zaken en Werkgelegenheid van 13 juli 2018, 2018-0000118517 tot wijziging van de Arbeidsomstandighedenregeling in verband met de implementatie van Richtlijn 2017/164 in Bijlage XIII |
| POL | Polska<br>TLV-ACGIH | ROZPORZĄDZENIE MINISTRA RODZINY, PRACY I POLITYKI SPOŁECZNEJ z dnia 12 czerwca 2018 r. ACGIH 2019                                                                                                                                 |

### ETHANOL

#### Threshold Limit Value

| Type                                                  | Country | TWA/8h |      | STEL/15min |       | Remarks / Observations |
|-------------------------------------------------------|---------|--------|------|------------|-------|------------------------|
|                                                       |         | mg/m3  | ppm  | mg/m3      | ppm   |                        |
| AGW                                                   | DEU     | 960    | 500  | 1920       | 1000  |                        |
| MAK                                                   | DEU     | 960    | 500  | 1920       | 1000  |                        |
| TLV                                                   | DNK     | 1900   | 1000 |            |       |                        |
| VLA                                                   | ESP     |        |      | 1910       | 1000  |                        |
| VLEP                                                  | FRA     | 1900   | 1000 | 9500       | 5000  |                        |
| WEL                                                   | GBR     | 1920   | 1000 |            |       |                        |
| GVI/KGVI                                              | HRV     | 1900   | 1000 |            |       |                        |
| TGG                                                   | NLD     | 260    |      | 1900       |       | SKIN                   |
| NDS/NDSch                                             | POL     | 1900   |      |            |       |                        |
| TLV-ACGIH                                             |         |        |      | 1884       | 1000  |                        |
| Predicted no-effect concentration - PNEC              |         |        |      |            |       |                        |
| Normal value in fresh water                           |         |        |      | 0,96       | mg/l  |                        |
| Normal value in marine water                          |         |        |      | 0,79       | mg/l  |                        |
| Normal value for fresh water sediment                 |         |        |      | 3,6        | mg/kg |                        |
| Normal value for marine water sediment                |         |        |      | 2,9        | mg/kg |                        |
| Normal value for water, intermittent release          |         |        |      | 2,75       | mg/l  |                        |
| Normal value of STP microorganisms                    |         |        |      | 580        | mg/l  |                        |
| Normal value for the food chain (secondary poisoning) |         |        |      | 0,38       | mg/kg |                        |
| Normal value for the terrestrial compartment          |         |        |      | 0,63       | mg/kg |                        |

#### Health - Derived no-effect level - DNEL / DMEL

| Route of exposure | Effects on consumers |                |               | Chronic systemic | Effects on workers |                |               | Chronic systemic |
|-------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local |                  | Acute local        | Acute systemic | Chronic local |                  |
| Oral              |                      |                |               | 87 mg/kg bw/d    |                    |                |               |                  |
| Inhalation        |                      |                |               | 114 mg/m3        |                    |                |               | 950 mg/m3        |
| Skin              |                      |                |               | 206 mg/kg bw/d   |                    |                |               | 343 mg/kg bw/d   |

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml****Hydrocarbons, C3-4****Health - Derived no-effect level - DNEL / DMEL**

| Route of exposure | Effects on consumers |                |               | Effects on workers |             |                |               |                  |
|-------------------|----------------------|----------------|---------------|--------------------|-------------|----------------|---------------|------------------|
|                   | Acute local          | Acute systemic | Chronic local | Chronic systemic   | Acute local | Acute systemic | Chronic local | Chronic systemic |
| Inhalation        |                      |                |               | 0.066 mg/m3        |             |                |               | 2.21 mg/m3       |
| Skin              |                      |                |               |                    |             |                |               | 23.4 mg/kg bw/d  |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

**8.2. Exposure controls**

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

**HAND PROTECTION**

None required.

**SKIN PROTECTION**

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

**EYE PROTECTION**

Wear airtight protective goggles (see standard EN 166).

**RESPIRATORY PROTECTION**

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type AX filter combined with a type P filter should be worn (see standard EN 14387).

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

**ENVIRONMENTAL EXPOSURE CONTROLS**

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

**SECTION 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                 |                |
|-----------------|----------------|
| Appearance      | aerosol        |
| Colour          | colourless     |
| Odour           | characteristic |
| Odour threshold | Not available  |

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|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| pH                                     | Not available                                |
| Melting point / freezing point         | Not available                                |
| Initial boiling point                  | Not available                                |
| Boiling range                          | Not available                                |
| Flash point                            | Not available                                |
| Evaporation rate                       | Not available                                |
| Flammability (solid, gas)              | Not available                                |
| Lower inflammability limit             | Not available                                |
| Upper inflammability limit             | Not available                                |
| Lower explosive limit                  | 1,8 % (V/V)                                  |
| Upper explosive limit                  | 9,5 % (V/V)                                  |
| Vapour pressure                        | Not available                                |
| Vapour density                         | Not available                                |
| Relative density                       | Not available                                |
| Solubility                             | soluble in water                             |
| Partition coefficient: n-octanol/water | Not available                                |
| Auto-ignition temperature              | Not available                                |
| Decomposition temperature              | Not available                                |
| Viscosity                              | Not available                                |
| Explosive properties                   | lower propellant explosion<br>limit: 1.8%    |
| Oxidising properties                   | the product is not an oxidizing<br>substance |

**9.2. Other information**

Information not available

**SECTION 10. Stability and reactivity****10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

**10.2. Chemical stability**

The product is stable in normal conditions of use and storage.

**10.3. Possibility of hazardous reactions**

No hazardous reactions are foreseeable in normal conditions of use and storage.

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Risk of explosion on contact with: alkaline metals,alkaline oxides,calcium hypochlorite,sulphur monofluoride,acetic anhydride,acids,concentrated hydrogen peroxide,perchlorates,perchloric acid,perchloronitrile,mercury nitrate,nitric acid,silver,silver nitrate,ammonia,silver oxide,ammonia,strong oxidising agents,nitrogen dioxide.May react dangerously with: bromoacetylene,chlorine acetylene,bromine trifluoride,chromium trioxide,chromyl chloride,fluorine,potassium tert-butoxide,lithium hydride,phosphorus trioxide,black platinum,zirconium (IV) chloride,zirconium (IV) iodide.Forms explosive mixtures with: air.

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml****10.4. Conditions to avoid**

Avoid overheating.

ETHANOL

Avoid exposure to: sources of heat, naked flames.

**10.5. Incompatible materials**

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

**10.6. Hazardous decomposition products**

Information not available

**SECTION 11. Toxicological information**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

**11.1. Information on toxicological effects**Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture:

Not classified (no significant component)

LD50 (Oral) of the mixture:

Not classified (no significant component)

LD50 (Dermal) of the mixture:

Not classified (no significant component)

ETHANOL

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml**

LD50 (Oral) > 5000 mg/kg Rat

LC50 (Inhalation) 120 mg/l/4h Pimephales promelas

Hydrocarbons, C3-4

LC50 (Inhalation) 505 mg/l/10 vale per 10 minuti e non 1h o 4h; rat

**SKIN CORROSION / IRRITATION**

Does not meet the classification criteria for this hazard class

**SERIOUS EYE DAMAGE / IRRITATION**

Causes serious eye irritation

**RESPIRATORY OR SKIN SENSITISATION**

Does not meet the classification criteria for this hazard class

**GERM CELL MUTAGENICITY**

Does not meet the classification criteria for this hazard class

**CARCINOGENICITY**

Does not meet the classification criteria for this hazard class

**REPRODUCTIVE TOXICITY**

Does not meet the classification criteria for this hazard class

**STOT - SINGLE EXPOSURE**

Does not meet the classification criteria for this hazard class

**STOT - REPEATED EXPOSURE**

Does not meet the classification criteria for this hazard class

**ASPIRATION HAZARD**

Does not meet the classification criteria for this hazard class

**SECTION 12. Ecological information**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml****12.1. Toxicity**

## ETHANOL

LC50 - for Fish 14200 mg/l/96h

EC50 - for Crustacea 454 mg/l/48h

EC50 - for Algae / Aquatic Plants 275 mg/l/72h

Chronic NOEC for Fish 250 mg/l

Chronic NOEC for Crustacea 96 mg/l

Chronic NOEC for Algae / Aquatic Plants 11,5 mg/l

## Hydrocarbons, C3-4

LC50 - for Fish 24,11 mg/l/96h

EC50 - for Crustacea 14,22 mg/l/48h

EC50 - for Algae / Aquatic Plants 7,71 mg/l/96h vale per 96h e non 72h

**12.2. Persistence and degradability**

## ETHANOL

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

## Hydrocarbons, C3-4

Rapidly degradable

**12.3. Bioaccumulative potential**

## ETHANOL

Partition coefficient: n-octanol/water -0,35

**12.4. Mobility in soil**

Information not available

**12.5. Results of PBT and vPvB assessment**On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.**12.6. Other adverse effects**

Information not available

**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

**CONTAMINATED PACKAGING**

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

**SECTION 14. Transport information****14.1. UN number**

ADR / RID, IMDG, 1950  
IATA:

**14.2. UN proper shipping name**

ADR / RID: AEROSOLS  
IMDG: AEROSOLS  
IATA: AEROSOLS, FLAMMABLE

**14.3. Transport hazard class(es)**

ADR / RID: Class: 2 Label: 2.1  
IMDG: Class: 2 Label: 2.1  
IATA: Class: 2 Label: 2.1

**14.4. Packing group**

ADR / RID, IMDG, -  
IATA:

**14.5. Environmental hazards**

ADR / RID: NO  
IMDG: NO  
IATA: NO

**14.6. Special precautions for user**

ADR / RID: HIN - Kemler: --

Limited  
Quantities: 1  
L

Tunnel  
restriction  
code: (D)

IMDG: Special Provision: -  
EMS: F-D, S-U

Limited  
Quantities: 1  
L

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml**

|       |                       |                          |                             |
|-------|-----------------------|--------------------------|-----------------------------|
| IATA: | Cargo:                | Maximum quantity: 150 Kg | Packaging instructions: 203 |
|       | Pass.:                | Maximum quantity: 75 Kg  | Packaging instructions: 203 |
|       | Special Instructions: | A145, A167, A802         |                             |

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

Information not relevant

**SECTION 15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso Category - Directive 2012/18/EC: P3a

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006Product

Point 40

Substances in Candidate List (Art. 59 REACH)On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

Regulation (EC) No. 648/2004

Ingredients according to Regulation (EC) No. 648/2004

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml**

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)

WGK 1: Low hazard to waters

**15.2. Chemical safety assessment**

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

**SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                     |                                                   |
|---------------------|---------------------------------------------------|
| <b>Flam. Gas 1A</b> | Flammable gas, category 1A                        |
| <b>Aerosol 1</b>    | Aerosol, category 1                               |
| <b>Aerosol 3</b>    | Aerosol, category 3                               |
| <b>Flam. Liq. 2</b> | Flammable liquid, category 2                      |
| <b>Press. Gas</b>   | Pressurised gas                                   |
| <b>Eye Irrit. 2</b> | Eye irritation, category 2                        |
| <b>H220</b>         | Extremely flammable gas.                          |
| <b>H222</b>         | Extremely flammable aerosol.                      |
| <b>H229</b>         | Pressurised container: may burst if heated.       |
| <b>H225</b>         | Highly flammable liquid and vapour.               |
| <b>H280</b>         | Contains gas under pressure; may burst if heated. |
| <b>H319</b>         | Causes serious eye irritation.                    |

**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit

**Evin Care-Surface Detergent Spray-75% Alcohol-Cleaning Action-100 ml**

- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

**GENERAL BIBLIOGRAPHY**

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
  2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
  3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
  4. Regulation (EU) 2015/830 of the European Parliament
  5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
  6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
  7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
  8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
  9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
  10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
  11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
  12. Regulation (EU) 2016/1179 (IX Atp. CLP)
  13. Regulation (EU) 2017/776 (X Atp. CLP)
  14. Regulation (EU) 2018/669 (XI Atp. CLP)
  15. Regulation (EU) 2018/1480 (XIII Atp. CLP)
  16. Regulation (EU) 2019/521 (XII Atp. CLP)
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - IFA GESTIS website
  - ECHA website
  - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

**CALCULATION METHODS FOR CLASSIFICATION**

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.