

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

- **1.1 Product identifier**
- **Trade name:** Alcohols, C12-14, ethoxylated  
Slovasol 2430
- **Article number:** 102133
- **CAS Number:**  
68439-50-9
- **EC number:**  
932-106-6
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Additive for cosmetic or pharmaceutical preparations
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
FAGRON a.s.  
Holická 1098/31m  
779 00 Olomouc  
Česká republika
- **Further information obtainable from:**  
Tel.: +420 585 222 590  
info@fagron.cz
- **1.4 Emergency telephone number:**  
Toxikologické informační středisko,  
Na Bojišti 1,  
128 08 Praha 2  
tel.: +420 224 919 293, +420 224 915 402 (nepřetržitá lékařská služba),  
e-mail:tis.cuni@cesnet.cz

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The substance is not classified, according to the CLP regulation.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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### SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Description**  
CAS: 68439-50-9 Alcohols, C12-14, ethoxylated  
Slovasol 2430
- **Identification number(s)**
- **EC number:** 932-106-6

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Water spray  
Foam  
Fire-extinguishing powder  
Carbon dioxide
- **5.2 Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Protect from heat and direct sunlight.  
Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:**  
Filter P1  
Suitable respiratory protective device recommended.
- **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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- Eye/face protection



Tightly sealed goggles

- Body protection: Protective work clothing

## SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

|  |                           |
|--|---------------------------|
| · Physical state   | Solid                     |
| · Colour:  | White                     |
| · Odour:   | Odourless                 |
| · Odour threshold:   | Not determined.           |
| · Melting point/freezing point:                            | 43–53°C                   |
| · Boiling point or initial boiling point and boiling range | Undetermined.             |
| · Flammability   | Product is not flammable. |
| · Lower and upper explosion limit                          |                           |
| · Lower:   | Not determined.           |
| · Upper:   | Not determined.           |
| · Flash point:   | Not applicable.           |
| · Auto-ignition temperature:                               | 125°C                     |
| · Decomposition temperature:                               | Not determined.           |
| · pH   | 5,5–7,5                   |
| · Viscosity:   |                           |
| · Kinematic viscosity                                      | Not applicable.           |
| · Dynamic:   | Not applicable.           |
| · Solubility   |                           |
| · water:   | Not determined.           |
| · Partition coefficient n-octanol/water (log value)        | Not determined.           |
| · Vapour pressure:   | Not applicable.           |
| · Density and/or relative density                          |                           |
| · Density at 20°C:   | 1,047 g/cm <sup>3</sup>   |
| · Relative density   | Not determined.           |
| · Vapour density   | Not applicable.           |
| · Particle characteristics                                 |                           |
| See section 3.   |                           |

- 9.2 Other information

|   |   |
|---|---|
| · Appearance:   |   |
| · Form:   | Pasty   |
| · Important information on protection of health and environment, and on safety. |   |
| · Ignition temperature:   | Not determined.                               |
| · Explosive properties:   | Product does not present an explosion hazard. |

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|   |                 |
|---|-----------------|
| · Change in condition   |                 |
| · Evaporation rate  | Not applicable. |
| · Information with regard to physical hazard classes                        |                 |
| · Explosives  | Void            |
| · Flammable gases   | Void            |
| · Aerosols  | Void            |
| · Oxidising gases   | Void            |
| · Gases under pressure  | Void            |
| · Flammable liquids   | Void            |
| · Flammable solids  | Void            |
| · Self-reactive substances and mixtures                                     | Void            |
| · Pyrophoric liquids  | Void            |
| · Pyrophoric solids   | Void            |
| · Self-heating substances and mixtures                                      | Void            |
| · Substances and mixtures, which emit flammable gases in contact with water | Void            |
| · Oxidising liquids   | Void            |
| · Oxidising solids  | Void            |
| · Organic peroxides   | Void            |
| · Corrosive to metals   | Void            |
| · Desensitised explosives   | Void            |

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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- **11.2 Information on other hazards**
- **Endocrine disrupting properties** Substance is not listed.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:**  
Very toxic for fish  
Toxic for fish
- **Additional ecological information:**
- **General notes:**  
Toxic for aquatic organisms  
Also poisonous for fish and plankton in water bodies.  
Very toxic for aquatic organisms  
Water hazard class 2 (German Regulation) (Assessment by list): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

- |                                       |               |
|---------------------------------------|---------------|
| · <b>14.1 UN number or ID number</b>  |               |
| · <b>ADR, IMDG, IATA</b>              | not regulated |
| · <b>14.2 UN proper shipping name</b> |               |
| · <b>ADR, IMDG, IATA</b>              | not regulated |

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|  |                 |
|--|-----------------|
| · 14.3 Transport hazard class(es)                              |                 |
| · ADR, ADN, IMDG, IATA   |                 |
| · Class  | not regulated   |
| · 14.4 Packing group   |                 |
| · ADR, IMDG, IATA  | not regulated   |
| · 14.5 Environmental hazards:                                  | Not applicable. |
| · 14.6 Special precautions for user                            | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation":                                       | not regulated   |

## SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Directive 2012/18/EU
  - Named dangerous substances - ANNEX I Substance is not listed.
  - DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II  
Substance is not listed.
  - REGULATION (EU) 2019/1148
  - Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))  
Substance is not listed.
  - Annex II - REPORTABLE EXPLOSIVES PRECURSORS Substance is not listed.
  - Regulation (EC) No 273/2004 on drug precursors Substance is not listed.
  - Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors  
Substance is not listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Fagron Česká republika
- **Contact:** msds@fagron.cz
- **Abbreviations and acronyms:**
  - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative

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