

Trade name: Pol Star**Product no.:** 92999**Current version :** 1.0.0, issued: 14.01.2020**Replaced version:** 1.0.0, issued: 25.09.2019**Region:** USA**SECTION 1: Identification****1.1 Product identifier**

Trade name

Pol Star**1.2 Recommended use of the chemical and restrictions on use****Recommended use of the chemical and restrictions on use**

Carpet cleaner

Cushion cleaner

Restrictions on use

No data available.

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

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

1.4 Emergency phone number

(+1) 202 464 2554

SECTION 2: Hazard(s) identification**2.1 Classification of the chemical****Classification of the chemical in accordance with paragraph (d) of 29 CFR § 1910.1200 "Hazard Communication"**

Serious Eye Damage - Category 1

2.2 Label elements**Pictogram(s)****Signal word**

Danger

Hazard Statement(s)

Health hazards

Causes serious eye damage

Precautionary Statement(s)

Prevention

Wear protective gloves/eye protection.

Response

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.

2.4 Hazards not otherwise classified (HNOC)

No data available

SECTION 3: Composition / information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures

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Hazardous ingredients

| No | Substance name | Concentration | % |
|----|--|-------------------|--------|
| | CAS no. | | |
| 1 | 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | | |
| | 61789-40-0 | >= 5.00 - < 10.00 | %-b.w. |
| 2 | Sodium p-cumenesulfonate (SCS) | | |
| | 15763-76-5 | < 5.00 | %-b.w. |

SECTION 4: First-aid measures**4.1 Description of necessary first-aid measures****General information**

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

When in contact with the skin, clean with soap and water.

After eye contact

Remove contact lens. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

After ingestion

Rinse mouth thoroughly with water. Call a doctor immediately. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down).

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Fire-fighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Water spray jet; Foam; Extinguishing powder; Carbon dioxide

Unsuitable extinguishing media

Full water jet

5.2 Specific hazards arising from the chemical

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

5.3 Special protective equipment and precautions for fire-fighters

Wear protective clothing. Use self-contained breathing apparatus. Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Methods and materials for containment and cleaning up

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Take up with absorbent material (e.g., sand, diatomaceous earth, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far as it is possible by the state of the art.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Provide eye wash fountain in work area.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Do not store together with: Oxidizing agents

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limit(s)

| No | Substance name | CAS no. | | |
|--|---------------------------------|------------|-------------------|---------|
| 1 | (2-METHOXYMETHYLETHOXY)PROPANOL | 34590-94-8 | | |
| ACGIH Threshold Limit Values | | | | |
| (2-Methoxymethylethoxy) propanol | | | | |
| | STEL | | 150 | ppm |
| | TWA | | 100 | ppm |
| | Remarks | Skin | | |
| OSHA Permissible Exposure Limits (PELS) from 29 CFR 1910.1000 | | | | |
| Dipropylene glycol methyl ether | | | | |
| | TWA | 600 | mg/m ³ | 100 ppm |

8.2 Exposure controls

Appropriate engineering controls

No data available.

Individual protection measures, such as personal protective equipment

Respiratory protection

Wear appropriate, properly fitting OSHA, MSHA or NIOSH approved respirator, in dusty environments and where airborne concentrations are expected to exceed exposure limits indicated in this MSDS.

Eye / face protection

Wear appropriate protective eye glasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Hand protection

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Wear appropriate gloves to prevent skin exposure. Change gloves when torn, punctured or contaminated.

Other protection measures

Normal chemical work clothing.

SECTION 9: Physical and chemical properties

| | | |
|--|------|-------------------|
| Form/Color | | |
| liquid | | |
| yellow | | |
| Odor | | |
| Citrus | | |
| Odor threshold | | |
| No data available | | |
| pH value | | |
| No data available | | |
| Boiling point / boiling range | | |
| Value | > | 100 °C |
| Melting point / melting range | | |
| No data available | | |
| Decomposition point / decomposition range | | |
| No data available | | |
| Flash point | | |
| No data available | | |
| Auto-ignition temperature | | |
| No data available | | |
| Oxidising properties | | |
| No data available | | |
| Explosive properties | | |
| No data available | | |
| Flammability (solid, gas) | | |
| No data available | | |
| Lower flammability or explosive limits | | |
| No data available | | |
| Upper flammability or explosive limits | | |
| No data available | | |
| Vapor pressure | | |
| No data available | | |
| Vapor density | | |
| No data available | | |
| Evaporation rate | | |
| No data available | | |
| Relative density | | |
| No data available | | |
| Density | | |
| Value | 1.02 | g/cm ³ |
| Reference temperature | 20 | °C |
| Solubility in water | | |

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No data available

Solubility(ies)

No data available

Partition coefficient: n-octanol/water

No data available

Viscosity

No data available

Other information**Other information**

No data available.

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

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions(See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not expecting handling the product according to its intended use.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information**Information on toxicological effects****Acute oral toxicity**

No data available

Acute dermal toxicity

No data available

Acute inhalational toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Reproduction toxicity

No data available

Carcinogenicity

No data available

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NTP Report on Carcinogens (RoC)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed "known" (to be a human carcinogen) or "RAHC" (reasonably anticipated to be a human carcinogen).

OSHA Standards listing cancer as a health effect (Table VII.6.2)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) listed as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) classified by the IARC Monographs.

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration hazard

No data available

SECTION 12: Ecological information**12.1 Toxicity****Toxicity to fish (acute)**

No data available

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No data available

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No data available

Toxicity to algae (chronic)

No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information**Other information**

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Disposal considerations**

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Dispose in accordance with federal, state and local regulations.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in accordance with federal, state and local regulations.

SECTION 14: Transport information**14.1 US DOT (Department of Transportation)**

The product is not subject to DOT regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, pls. see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

SECTION 15: Regulatory information**15.1 US Federal Regulations****Toxic Substances Control Act (TSCA)**

According to the data available and/or specifications supplied by upstream suppliers, all components of this product are on the TSCA Inventory or are exempted from notification requirements.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act)

The product contains following substance(s) that are considered being subject to Table 302.4 "List of Hazardous Substances and Reportable Quantities"

| No | Substance name | CAS no. |
|----|---------------------------------|------------|
| 1 | (2-METHOXYMETHYLETHOXY)PROPANOL | 34590-94-8 |

Clean Air Act (CAA): Hazardous Air Pollutants (HAPS)

The product contains following substance(s) that are considered being "Hazardous Air Pollutants".

| No | Substance name | CAS no. |
|----|---------------------------------|------------|
| 1 | (2-METHOXYMETHYLETHOXY)PROPANOL | 34590-94-8 |

Clean Water Act (CWA) Section 307 (Toxic Pollutants) and Section 311 (Hazardous Substances)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Substances".

EPCRA SARA Section 313, Toxic Chemical Release Inventory

The product contains following substance(s) that are considered being subject to "SARA Reporting".

| No | Substance name | CAS no. |
|----|---------------------------------|------------|
| 1 | (2-METHOXYMETHYLETHOXY)PROPANOL | 34590-94-8 |

Emergency Planning & Community Right-to-Know Act (EPCRA) - Sections 302 and 304

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being subject to reporting requirements.

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15.2 US State Regulations**Pennsylvania State Right to Know Hazardous Substance List**

The product contains following substance(s) that are considered being "Hazardous Substances".

| No | Substance name | CAS no. |
|----|---------------------------------|------------|
| 1 | (2-METHOXYMETHYLETHOXY)PROPANOL | 34590-94-8 |

New Jersey State Right to Know Hazardous Substance List

The product contains following substance(s) that are considered being "Hazardous Substances".

| No | Substance name | CAS no. |
|----|---------------------------------|------------|
| 1 | (2-METHOXYMETHYLETHOXY)PROPANOL | 34590-94-8 |

Massachusetts State Right to Know Hazardous Substance List

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Substances".

Right to Know - California State - Proposition 65

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substance(s) that are considered being "Hazardous Substances".

SECTION 16: Other information, including date of preparation or last revision**16.2 Date of preparation/revision of the SDS**

| | | |
|------------------|-------|------------|
| Current version | 1.0.0 | 14.01.2020 |
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16.3 Department issuing safety data sheet

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg, Germany

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

16.4 Conclusions

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not, however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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Prod-ID 760247

16.5 Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists

ATE – Acute Toxicity Estimate

BOD - Biochemical Oxygen Demand

CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania

CAS - Chemical Abstracts Service

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

CFR - Code of Federal Regulations (US)

CLP - Classification, Labelling, and Packaging

DOT - Department of Transportation Commission

ECHA – European Chemicals Agency

EC / EL – Effective Concentration / Effective Loading

EPA - Environmental Protection Agency

IARC - International Agency for Research on Cancer

IATA - International Air Transport Association

IBC – Intermediate Bulk Container

ICAO - International Civil Aviation Organization

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IDL - Ingredient Disclosure List
IDLH - Immediately Dangerous to Life and Health
IMDG - International Maritime Dangerous Goods
IUCLID - International Uniform Chemical Information Database
Kow - Octanol/water partition coefficient
LD/LC - Lethal Dose/ Lethal Concentration
MARPOL – Marine Pollution
MEL - Maximum Exposure Limits
NFPA - National Fire Protection Agency
NIOSH - National Institute for Occupational Safety and Health
NJTSR - New Jersey Trade Secret Registry
NOEL/NOEC – No Observed Effect Level / No Observed Effect Concentration
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration
PEL- Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
SARA - Superfund Amendments and Reauthorization Act
STEL - Short-term Exposure Limit
STOT – Specific Target Organ Toxicity
TDG - Transportation of Dangerous Goods
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
UN/NA - United Nations /North American
US - United States
VLE - Exposure Limit Value (Mexico)
VOC – Volatile Organic Compounds