

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Planol** 

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 1 of 9

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

#### 1.1. Product identifier

Acrynol NEO

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

##### Use of the substance/mixture

Coating, Sealing

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

Company name: Planol GmbH + Co. KG  
Street: Maybachstr. 17  
Place: D-63456 Hanau  
Telephone: +49 (0) 6181 94570-10      Telefax: +49 (0) 6181 94570-29  
Internet: www.planol.de  
Responsible Department: Labor

**1.4. Emergency telephone number:** +49 (0) 6132 / 84463 (GBK GmbH)

### SECTION 2: Hazards identification

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

##### Regulation (EC) No. 1272/2008

Hazard categories:  
Respiratory or skin sensitisation: Skin Sens. 1  
Hazard Statements:  
May cause an allergic skin reaction.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Triisobutyl phosphate  
1,2-benzisothiazol-3(2H)-one  
2-methylisothiazol-3(2H)-one

**Signal word:** Warning

**Pictograms:**



##### Hazard statements

H317      May cause an allergic skin reaction.

##### Precautionary statements

P261      Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280      Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352      IF ON SKIN: Wash with plenty of water.  
P333+P313      If skin irritation or rash occurs: Get medical advice/attention.  
P501      Dispose of contents/container in accordance with local/regional/national/international regulations.

##### Additional advice on labelling

The product is labeled in accordance with Regulation (EC) no. 1272/2008 (GHS).

#### 2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

# Planol

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 2 of 9

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Aqueous dispersion

##### Hazardous components

| CAS No    | Chemical name  | Quantity     |                  |         |
|-----------|--|--------------|------------------|---------|
|           | EC No  | Index No     | REACH No         |         |
|           | GHS Classification   |              |                  |         |
| 126-71-6  | Triisobutyl phosphate  |              |                  | < 1 %   |
|           | 204-798-3  |              | 01-2119957118-32 |         |
|           | Skin Sens. 1B; H317  |              |                  |         |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one   |              |                  | < 0.1 % |
|           | 220-120-9  | 613-088-00-6 | 01-2120761540-60 |         |
|           | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H315 H318 H317 H400 H411   |              |                  |         |
| 2682-20-4 | 2-methylisothiazol-3(2H)-one   |              |                  | < 0.1 % |
|           | 220-239-6  | 613-326-00-9 | 01-2120764690-50 |         |
|           | Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071 |              |                  |         |

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

##### Specific Conc. Limits, M-factors and ATE

| CAS No    | EC No  | Chemical name                | Quantity |  |
|-----------|--|------------------------------|----------|--|
|           | Specific Conc. Limits, M-factors and ATE   |                              |          |  |
| 2634-33-5 | 220-120-9  | 1,2-benzisothiazol-3(2H)-one | < 0.1 %  |  |
|           | oral: ATE = 500 mg/kg Skin Sens. 1; H317: >= 0,05 - 100  |                              |          |  |
| 2682-20-4 | 220-239-6  | 2-methylisothiazol-3(2H)-one | < 0.1 %  |  |
|           | inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100<br>M akut; H400: M=10<br>M chron.; H410: M=1 |                              |          |  |

##### Further Information

Ingredients according to EC Detergents Regulation 648/2004:

Non-ionic surfactants: < 5 %

BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE

Biocidal-Regulation (EC) No. 528/2012 :

„Contains the biocidal active substance for product preservation purposes (BIT, MIT)“

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

No specific precautions required.

##### After inhalation

Ensure of fresh air. If symptoms persist, call a physician.

##### After contact with skin

Wash hands with water as a precaution. Consult a doctor if skin irritation persists.

##### After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists,



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

# Planol

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 3 of 9

consult a specialist.

### After ingestion

Rinse out mouth and give plenty of water to drink. If symptoms persist, call a physician.

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

May cause an allergic skin reaction.

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

Treat symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray

#### Unsuitable extinguishing media

Not known.

### 5.2. Special hazards arising from the substance or mixture

Not known.

### 5.3. Advice for firefighters

No specific fire preventions necessary.

### Additional information

Product does not burn, fire-extinguishing activities according to surrounding.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General measures

Not required.

#### For non-emergency personnel

Avoid contact with skin, eyes and clothing.

#### For emergency responders

Use personal protective clothing.

Remove persons to safety.

### 6.2. Environmental precautions

No specific precautions required.

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

#### Other information

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

### 6.4. Reference to other sections

Information for disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

No special precautions required.

#### Advice on protection against fire and explosion

No special precautions required.

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

#### Requirements for storage rooms and vessels

No particular requirements.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

# Planol

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 4 of 9

### Hints on joint storage

Not required.

### Further information on storage conditions

Keep from freezing.

### 7.3. Specific end use(s)

Coating, Sealing

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

The product contains no relevant quantities of materials with critical values that require monitoring at the workplace.

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Protective and hygiene measures

Take the usual precautions when handling with chemicals.

#### Eye/face protection

During transferring safety goggles are recommended.

#### Hand protection

Protective gloves (EN 374). Neoprene gloves. (recommended: minimum protection index 2, corresponding to a permeation rate > 30 minutes according to EN 374).

Not suitable: leather gloves.

Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration. Requirements can vary as a function of the use.

Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

#### Skin protection

wear protective clothing.

#### Respiratory protection

Not required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                      |                    |
|----------------------|--------------------|
| Physical state:      | Liquid             |
| Colour:              | White, Milky       |
| Odour:               | Pleasant           |
| pH-Value (at 20 °C): | 8,6 (concentrated) |

#### Changes in the physical state

|   |                           |
|---|---------------------------|
| Melting point:  | Not determined            |
| Boiling point or initial boiling point and boiling range: | Not determined            |
| Flash point:  | No data available         |
| Sustaining combustion:                                    | Not sustaining combustion |

#### Explosive properties

The product is not explosive.

|                         |                |
|-------------------------|----------------|
| Lower explosion limits: | Not applicable |
| Upper explosion limits: | Not applicable |



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

# Planol

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 5 of 9

Auto-ignition temperature: No data available

Decomposition temperature: No data available

### **Oxidizing properties**

Not fire-promoting.

Vapour pressure:  
(at 20 °C) Not determined

Density (at 20 °C): 1,023 g/cm<sup>3</sup>

Water solubility:  
(at 20 °C) Completely miscible

### **Solubility in other solvents**

No data available

Partition coefficient n-octanol/water: No data available

Viscosity / dynamic: Not determined

Viscosity / kinematic: Not determined

### **9.2. Other information**

No data available

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

No uncommon reactivity known.

### **10.2. Chemical stability**

Stable under normal conditions.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions known.

### **10.4. Conditions to avoid**

Keep from freezing. Avoid temperatures above 50°C.

### **10.5. Incompatible materials**

No data available

### **10.6. Hazardous decomposition products**

No decomposition if stored and applied as directed.

## **SECTION 11: Toxicological information**

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

#### **Toxicokinetics, metabolism and distribution**

The product has not been tested.

#### **Acute toxicity**

Based on available data, the classification criteria are not met.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Planol** 

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 6 of 9

| CAS No    | Chemical name                |                  |         |        |        |
|-----------|------------------------------|------------------|---------|--------|--------|
|           | Exposure route               | Dose             | Species | Source | Method |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one |                  |         |        |        |
|           | oral                         | ATE 500<br>mg/kg |         |        |        |
| 2682-20-4 | 2-methylisothiazol-3(2H)-one |                  |         |        |        |
|           | oral                         | ATE 100<br>mg/kg |         |        |        |
|           | dermal                       | ATE 300<br>mg/kg |         |        |        |
|           | inhalation vapour            | ATE 0,5 mg/l     |         |        |        |
|           | inhalation aerosol           | ATE 0,05 mg/l    |         |        |        |

### Irritation and corrosivity

Based on available data, the classification criteria are not met.

### Sensitising effects

May cause an allergic skin reaction. (Triisobutyl phosphate; 1,2-benzisothiazol-3(2H)-one; 2-methylisothiazol-3(2H)-one)

### Carcinogenic/mutagenic/toxic effects for reproduction

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.

## 11.2. Information on other hazards

### Endocrine disrupting properties

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

Product is biodegradable. (min. 90%)

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

If appropriate application no interferences in sewage treatment plants. (< 2000mg/l)



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 7 of 9

### Further information

Do not release undiluted or in higher quantities into the groundwater, sewerage or waters.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Can be disposed of with domestic refuse, after conferring with the local waste disposal company and the corresponding authorities.

#### List of Wastes Code - residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

#### List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

#### Contaminated packaging

Disposal in accordance with local regulations.

Cleaning agent: Water

## SECTION 14: Transport information

### Land transport (ADR/RID)

|  |  |
|--|--|
| <b>14.1. UN number:</b>                  | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

### Inland waterways transport (ADN)

|  |  |
|--|--|
| <b>14.1. UN number:</b>                  | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

### Marine transport (IMDG)

|  |  |
|--|--|
| <b>14.1. UN number:</b>                  | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

### Air transport (ICAO-TI/IATA-DGR)

|  |  |
|--|--|
| <b>14.1. UN number:</b>                  | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Planol** 

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 8 of 9

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC): < 5 %

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

##### Additional information

The product is labeled in accordance with Regulation (EC) no. 1272/2008 (GHS).

##### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2,3,4,5,6,7,8,9,10,11,12,14,16.

#### Abbreviations and acronyms

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (Agreement concerning the international carriage of Dangerous goods by Road)

IMDG-Code: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organisation (IATA: The International Air Transport Association)

GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS-Nr.: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

|                    |                          |
|--------------------|--------------------------|
| Classification     | Classification procedure |
| Skin Sens. 1; H317 | Calculation method       |

#### Relevant H and EUH statements (number and full text)

|        |   |
|--------|---|
| H301   | Toxic if swallowed.                                   |
| H302   | Harmful if swallowed.                                 |
| H311   | Toxic in contact with skin.                           |
| H314   | Causes severe skin burns and eye damage.              |
| H315   | Causes skin irritation.                               |
| H317   | May cause an allergic skin reaction.                  |
| H318   | Causes serious eye damage.                            |
| H330   | Fatal if inhaled.                                     |
| H400   | Very toxic to aquatic life.                           |
| H410   | Very toxic to aquatic life with long lasting effects. |
| H411   | Toxic to aquatic life with long lasting effects.      |
| EUH071 | Corrosive to the respiratory tract.                   |

#### Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present





# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Planol** 

## Acrynol NEO

Revision date: 26.04.2021

Product code: 00514-0094

Page 9 of 9

level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

---

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*

