

# Material Safety Data Sheet

## Activonol-PAFC

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### 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name : Activonol-PAFC  
Use of the Substance/Preparation : Cosmetic additive

1.2 Manufacturer/Supplier/Distributor Information

Manufacturer : ActivON Co., Ltd.  
Address : (28104) 46-5 Duneung yuri-ro, Ochang-eup, Cheongwon-gu,  
Chungcheongbuk-do, Korea

Emergency number : Tel 82-31-206-7461, Fax 82-31-206-7462

Supplier/Distributor : ActivON Co., Ltd.  
Address : (16681) Digital empire II 103-410, 88, Sinwon-ro,  
Yeongtong-gu, Gyeonggi-do, Korea

Emergency number : Tel 82-31-893-8882, Fax 82-70-8786-5200  
activon@activon.kr

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008  
Harmful if swallowed: H302  
Causes skin irritation: H315  
Causes serious eye irritation: H319

#### 2.2 Label Elements



#### Signal Word

Danger, Warning



#### HEADQUARTER

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**Hazard Statements**

H302	: Harmful if swallowed.
H319	: Causes serious eye irritation
H318	: Causes serious eye damage
H412	: Harmful to aquatic life with long lasting effects

**Precautionary statements**

P264	: Wash thoroughly after handling.
P270	: Do not eat, drink or smoke when using this product.
P273	: Avoid release to the environment
P280	: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	: If Swallowed: Call a Poison Center or doctor/physician if you feel unwell
P305 + P351 + P338	: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	: Rinse mouth
P337+P313	: If eye irritation persists: Get medical advice/attention.
P501	:Dispose off contents/container in accordance with local/regional/international regulations.

**2.3 Other information****General Hazards**

This substance dose not meet the PBT/vPvB criteria according to Regulation (EC) No 1907/2006 [REACH], Annex XIII

**3. COMPOSITION & INFORMATION ON INGREDIENTS**

**Product Name** : Activonol-PAFC

**Chemical Name** : Phenoxyethanol , Ethylhexylglycerin, Chlorphenesin

INCI name	CAS No.	Composition
Phenoxyethanol	122-99-6	75~90 %
Ethylhexylglycerin	70445-33-9	5~20 %
Chlorphenesin	104-29-0	1~8 %

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## 4. FIRST AID MEASURES

- Ingestion** : Rinse mouth thoroughly with water. If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- Inhalation** : No specific treatment is necessary since material is not likely to be hazardous by inhalation. If exposed to excessive levels of vapours / aerosol, remove to fresh air and get medical attention if cough or other symptoms develop.
- Skin contact** : Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention without delay if necessary. Wash clothing before reuse. Safety shower should be located in immediate work area.
- Eye contact** : Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. Eye wash fountain should be located in immediate work area.

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## 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media** : Dry chemical powder, water fog or fine spray, carbon dioxide and foam
- Not suitable extinguishing media** : Do not use direct water stream, which may spread fire
- Special Fire-fighting procedures** : Wear positive-pressure self-contained breathing apparatus and protective fire-fighting clothing (includes fire – fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance

**Unusual Fire / Explosion Hazards** : During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to : Carbon monoxide, Carbon dioxide.

**Hazardous Thermal Decomposition** : Carbon monoxide, Carbon dioxide

**Products**

**Protection for fire-fighters** : Same as mentioned in special fire – fighting procedures.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Protection** : Use personal protective equipment. Wash hands after exposure with the substance. Restrict unnecessary and unprotected Personnel from entering the area

**Environmental precautions** : Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Contain contaminated water / fire-fighting water.  
Do not discharge into drains/surface water / ground water

**Methods cleaning up** : Absorb with suitable absorbent material such as sand, vermiculite. Collect in suitable and properly labeled container. Large spills : Contain spilled material if possible. Pump into suitable and properly and properly labeled containers. Dispose off absorbed material / collected material in accordance with regulations.

## 7. HANDLING AND STORAGE

**Handling** : General Handling : Do not swallow. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Keep container closed.

Prevent contact with air. Use with adequate ventilation. No special measures necessary provided product is used correctly. Avoid spills

**Storage** : Keep container tightly closed in well-ventilated place. Store in a



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cool, dry place, away from direct sunlight. Store below 35°C. Product solidifies, if stored at low temperatures (below 14°C) for longer time. To bring back the material to its original state, warm the drums to around 50°C for 3-4 hours.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

**Control parameters** : No data available

**Occupational exposure limit:** No data available

**Values Biological limit values**

**Appropriate engineering controls:** Proper plant design, technical measures and working operations should minimize human exposure

**Personal protective equipment** : Respiratory protection : Required when vapours/aerosols are generated

Eye protection : Safety goggles

Hands protection : Rubber gloves

Body protection : Apron, shoes

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance :**

Form: liquid

Colour: colourless

**Odour:** Characteristic

**Odour threshold:** No data available

**pH:** No data available

**Meting point/freezing point:** No data available

**Initial boiling point and boiling range:** No data available

**Flash point :** > 100 °C.

**Evaporation rate:** No data available

**Flammability (solid, gas):** No data available

**Upper/lower flammability or explosive limits:** No data available

**Vapor pressure:** No data available

**Solubility:** solubility in water

**Vapor density:** No data available



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**Relative density:** 1.450 ~ 1.650

**Specific Gravity:** 1.050 ~ 1.150

**Partition coefficient:** n-octanol/water: No data available

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

**Viscosity:** No data available

**Particle Size :** No data available

**Molecular mass:** No data available

## 10. STABILITY AND REACTIVITY

**Stability** : Stable

**Conditions to avoid** : Heat, flame and other sources of ignition.

**Incompatible materials** : Strong acids, strong bases and strong oxidizing agents

**Hazardous decomposition products** : Will not form, if stored or handled as prescribed.

## 11. TOXICOLOGICAL INFORMATION

### Exposure Effects

Skin Contact : Causes skin irritation.

Skin Absorption : May be harmful if absorbed through skin.

Eye Contact : Causes eye irritation.

Inhalation : May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.

Ingestion : May be harmful if swallowed.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

## 12. ECOLOGICAL INFORMATION

**Toxicity** : no data available

**Persistence and degradability** : no data available

**Bioaccumulative potential** : no data available

**Mobility in soil** : no data available



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**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects** : no data available

**13. DISPOSAL CONSIDERATIONS**

**Disposal** : In accordance with local / regional / national / international regulations.

**Disposal precaution** : All the waste generated shall be disposed off in accordance with local / national regulations

**14. TRANSPORT INFORMATION****Land transport**

ADR Not classified as a dangerous good under transport regulations

RID Not classified as a dangerous good under transport regulations

**Inland waterway transport**

AND Not classified as a dangerous good under transport regulations

**Sea transport**

IMDG Not classified as a dangerous good under transport regulations

**Air transport**

IATA/ICAO Not classified as a dangerous good under transport regulations

**15. REGULATORY INFORMATION****EU Classifications.**

Hazard symbols : Harmful

Risk Phrases : harmful is swallowed. Irritating to eyes.

Safety Phrase : Keep out of the reach of children

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**16. OTHER INFORMATION****Version 1.3**

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