

**AKVI TOP 30 (former AKVI ASTRAL LINE 30)**

Date 12.1.2009

Previous date: 29.12.2008

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

- 1.1 Identification of the article**  
**1.1.1 Commercial Product Name**  
 AKVI TOP 30 (former AKVI ASTRAL LINE 30)
- 1.1.2 Product code**  
 796 -series
- 1.2 Use of the Substance/Preparation**  
**1.2.1 Intended use**  
 Painting work  
 Description: Waterborne acrylate paint
- 1.3 Identification of the company**  
**1.3.1 Supplier**  
 Tikkurila Oyj
- 1.3.2 Contact information:**  
**P.O.Box** P.O.Box 53  
**Postcode and post office** FI-01301 VANTAA  
 FINLAND  
**Telephone** +358 9 857 71  
**Telefax** +358 9 8577 6936
- 1.3.4 Responsible for the Safety Data Sheet:**  
 Tikkurila Oy, Product Safety, e-mail: productsafety@tikkurila.com
- 1.4 Emergency telephone number**  
**1.4.1 Telephone number, name and address**  
 Tikkurila Oy, Environment and Safety: +358 9 857 71

**2. HAZARDS IDENTIFICATION**

The product is not classified as dangerous.  
 Information on hazard labelling in section 15.1.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| 3.1 | Hazardous components |           | 3.1.2<br>Chemical name of the substance | 3.1.3<br>Concentration | 3.1.4<br>Classification |
|-----|----------------------|-----------|---|------------------------|-------------------------|
|     | 3.1.1<br>CAS number  | EINECS    |   |                        |                         |
|     | 5131-66-8            | 225-878-4 | 3-Butoxy-2-propanol                     | 0 - 5 %                | Xi; R36/38              |
|     | 34590-94-8           | 252-104-2 | Dipropylene glycol methyl ether         | 1 - 5 %                | -                       |
|     | 111-76-2             | 203-905-0 | Butyl glycol                            | 0 - 5 %                | Xn; R20/21/22-36/38     |

**4. FIRST AID MEASURES**

- 4.1 Additional advice**  
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- 4.2 Inhalation**  
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- 4.3 Skin contact**  
 Wash skin thoroughly with soap and water or use recognized skin cleanser.
- 4.4 Eye contact**  
 Irrigate copiously with clean, fresh water for at least 10 minutes.
- 4.5 Ingestion**  
 If accidentally swallowed, drink water or milk. Obtain medical attention, when necessary.

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**5. FIRE-FIGHTING MEASURES**

- 5.1 **Suitable extinguishing media**  
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- 5.2 **Extinguishing media which must not be used for safety reasons**  
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- 5.3 **Specific hazards**  
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**6. ACCIDENTAL RELEASE MEASURES**

- 6.1 **Personal precautions**  
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- 6.2 **Environmental precautions**  
Do not allow to enter drains or water courses.
- 6.3 **Methods for cleaning up**  
Contain and collect spillage with absorbent materials, e.g. sand or vermiculite and place in a container for disposal according to local regulations. Clean with a detergent and water.

**7. HANDLING AND STORAGE**

- 7.1 **Handling**  
Avoid skin and eye contact.
- 7.2 **Storage**  
Keep containers tightly closed. Store in a dry place. Do not allow to freeze.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- 8.1 **Exposure Limit Values**
- 8.1.1 **Occupational exposure limit values**
- |                                 |               |
|---------------------------------|---------------|
| Dipropylene glycol methyl ether | 100 ppm (8 h) |
| Butyl glycol                    | 20 ppm (8 h)  |
- 8.1.2 **Information on limit values**  
TLV-TWA = Threshold Limit Values - Time-weighted average / ACGIH 2007
- 8.2 **Exposure controls**
- 8.2.1 **Occupational exposure controls**  
During spray-application provide adequate ventilation. Comply with the health and safety at work laws.
- 8.2.1.1 **Respiratory protection**  
If ventilation during spray-application is not sufficient, use respiratory protection with gas, vapour and dust filter AP.
- 8.2.1.2 **Hand protection**  
Always wear protective gloves (e.g. nitrile rubber). Barrier creams may also help to protect the exposed areas of the skin.
- 8.2.1.3 **Eye protection**  
During spray-application use safety eyewear designed to protect against splashes of liquids.
- 8.2.1.4 **Skin and body protection**  
Use suitable protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 **General Information (appearance, odour)**  
Coloured, viscous liquid



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**14.5** Air transport  
**14.5.1** ICAO/IATA Class not classified

**15. REGULATORY INFORMATION**

- 15.1** Information on the warning label  
**15.1.1** Letter code of the warning symbol and indications of danger for the preparation  
**15.1.2** Names of the ingredients given on the warning label  
-  
**15.1.3** R-phrase(s)  
-  
**15.1.4** S-phrase(s)  
-  
**15.1.5** Special regulations on certain preparations  
Safety data sheet available for professional user on request.

**16. OTHER INFORMATION**

- 16.1** Full text of R-phrases referred to under sections 2 and 3  
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R36/38 Irritating to eyes and skin.
- 16.4** Additional information  
The information of this MSDS is based on the present state of our knowledge and on current EC laws. It is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.  
Additional information available from: Tikkurila Oy, Product Safety, P.O. Box 53, FIN-01301 VANTAA, FINLAND, Telephone +358 9 857 71, Fax +358 9 8577 6936, E-mail: productsafety@tikkurila.com
- Signature** g/ars