

Date 13.2.2009

Previous date: 29.1.2008

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/
UNDERTAKING****1.1 Identification of the article****1.1.1 Commercial Product Name**
AVATINT COLORANTS**1.1.2 Product code**

857 00BH, 00BW, 00CH, 00CW, 00GH, 00GX, 00MG, 00OM, 00OX, 00RH, 00RX, 00VM, 00WX, 00YE, 00YH, 00YX

1.2 Use of the Substance/Preparation**1.2.1 Intended use**

Tinting.

Description: Tinting colourant.

1.3 Identification of the company**1.3.1 Supplier**

Tikkurila Oy

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Hazardous components****3.1.1****CAS number****EINECS****3.1.2****Chemical name of the substance****3.1.3****Concentration****3.1.4****Classification**

157707-44-3

500-350-9

Alkylmonoethanolamide
ethoxylate

0 - 2,5 %

Xi; R36

68425-44-5

500-211-2

Coco monoethanolamide
ethoxylate

0 - 5 %

Xi; R41

68585-34-2

500-223-8

Sodiumdodecyl/ tetradecyl
ether sulphate

0 - 2,5 %

Xi; R36/38

61789-40-0

263-058-8

Coco amidopropylbetaine

0 - 2,5 %

Xi; R41

66455-29-6

266-368-1

Cocodimethyl betaine

0 - 2,5 %

Xi; R36/38

73038-25-2

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Alcohol ethoxylate phosphate
ester

0 - 1 %

Xi, N; R41-51/53

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Fatty alcohol alcoxylate,
phosphoric acid ester

0 - 5 %

Xi; R36/38

4. FIRST AID MEASURES**4.1 Additional advice**

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4.2 Inhalation

4.3 Skin contact

Remove contaminated clothing. 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, holding the eyelids apart and seek medical advice.

4.5 Ingestion

If accidentally swallowed, drink water or milk. Obtain medical attention, when necessary.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

5.2 Extinguishing media which must not be used for safety reasons

5.3 Specific hazards

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Avoid skin contact with the product.

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. Avoid inhalation of vapour. Smoking, eating and drinking should be prohibited in application area. For personal protection see Section 8. Comply with the health and safety at work laws.

7.2 Storage

Keep containers tightly closed. Store in a dry place. Do not allow to freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	General Information (appearance, odour) Viscous liquid, strong odour	
9.2	Important Health Safety and Environmental Information	
9.2.2	Boiling point/range	-
9.2.3	Flash point	-
9.2.5	Explosive properties	
9.2.5.1	Lower explosion limit	-
9.2.5.2	Upper explosion limit	-
9.2.7	Vapour pressure	-
9.2.8	Relative density	1,1 - 2,0
9.2.9	Solubility	
9.2.9.1	Water solubility	Insoluble

10. STABILITY AND REACTIVITY

10.1	Conditions to avoid ---	
10.2	Materials to avoid ---	
10.3	Hazardous decomposition products Hazardous decomposition products may produce, when exposed to high temperatures.	

11. TOXICOLOGICAL INFORMATION

11.1	Acute toxicity ---	
11.2	Primary irritation ---	
11.3	Sensitisation ---	
11.5	Human experience 11.5.1 Inhalation: Long term exposure may cause irritation of respiratory system. 11.5.2 Skin contact: Repeated or prolonged contact with the preparation may cause removal of the natural fat from the skin resulting in contact dermatitis. Splashes in the eyes may cause slight irritation. 11.5.3 Other effects: ---	

12. ECOLOGICAL INFORMATION

12.6	Other adverse effects There is no data available on the preparation itself. The product should not be allowed to enter drains or water courses.	
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13. DISPOSAL CONSIDERATIONS

- 13.1 Product residues: Gather residues into waste containers. Destroy according to the rules given by local authorities. EWC-code for liquid waste is e.g 08 01 11 or 08 01 12 (waste paint and varnish).
13.2 Packaging: Empty cans should be disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1	UN No	-
14.2	Packing group	-

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14.3	Land transport	
14.3.1	ADR/RID Class	not classified
14.4	Sea transport	
14.4.1	IMDG Class	not classified
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) -

16. OTHER INFORMATION

16.1	Full text of R-phrases referred to under sections 2 and 3
	R36 Irritating to eyes.
	R36/38 Irritating to eyes and skin.
	R41 Risk of serious damage to eyes.
	R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 gpasta/ome