

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## Azura Violet Gum

SUBID : 000001011667

Version 1

Print Date 23.07.2013

Revision Date 09.07.2013

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identification of the substance or mixture:

Product name : Azura Violet Gum

REACH Registration No :

#### 1.2 Use of the substance/mixture:

Identified relevant uses : Wash gum solution

#### 1.3 Company/undertaking identification

Agfa-Gevaert Ltd.

Vantage West

Great West Road

Brentford, Middlesex TW8 9AX

United Kingdom

Tel. : +44 (0)20 8 231 4616

Fax : +44 (0)20 8 231 4951

Person responsible for the safety data sheet: Jos Vanholzaets

E-mail: electronic.sds@agfa.com

#### 1.4 Emergency telephone

Emergency telephone number (Belgium) : +32 3 4443333 (24h/24h)

### 2. HAZARDS IDENTIFICATION

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

**67/548/EEC or 1999/45/EC**

This product is not to be labelled as a dangerous substance or preparation as defined by EC Directives and transposed into national legislation.

#### 2.2 Label elements:

#### 2.3 Other hazards:

This preparation does not meet any of the criteria for classification as dangerous as defined by EC Directives and transposed into national legislation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance related information:

CAS-No. : 7732-18-5

EC-No. : 231-791-2

REACH Registration No :

#### 3.2 Hazard ingredients:

#### Hazardous components in the meaning of regulation(EC) No 1272/2008 (CLP)

This product does not contain any hazardous ingredients as defined by relevant legislation.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## Azura Violet Gum

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### Hazardous components in the meaning of 67/548/EEC or 1999/45/EC

- 1-Phenoxypropanol Concentration [%] : 0.5 - 1.0  
CAS-No. : 770-35-4  
EINECS-No. : 212-222-7  
Symbol(s) : Xi  
R-phrases(s) : R36

### Components with a community workplace exposure limit

- Triethanolamine
- 1-Phenoxypropanol

### 3.3 Remark:

Full text of each relevant R and H phrase is listed in section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures:

- Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Skin contact : Wash immediately with plenty of water and soap. If symptoms persist, seek medical advice.
- Ingestion : Rinse mouth with plenty of water. Seek medical advice.
- Inhalation : Not relevant.

### 4.2 Most important symptoms and effects:

### 4.3 Indication of immediate medical attention and special treatment needed:

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

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

- Further information : Product is not combustible.

### 5.3 Advice for fire-fighters:

## 6. ACCIDENTAL RELEASE MEASURES

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

- Personal precautions : See section : Exposure controls / personel protection.
- Additional advice : Wash away residues with plenty of water.

### 6.2 Environmental precautions:

- Environmental precautions : For waste disposal see section 13.

# SAFETY DATA SHEET

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## Azura Violet Gum

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

Methods for cleaning up : Dike the spill if necessary. Soak up with absorbent material. Collect large spills into a properly labelled and sealable container. Prevent release into the drain, soil or surface water.

### 6.4 Reference to other sections:

For waste disposal see section 13.  
For personal protection see section 8.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

Hygiene measures : Observe normal precautions when handling chemicals. Keep away from foodstuffs, drinks and tobacco.  
Advice on protection against fire and explosion : No special protective measures against fire and explosion required.

### 7.2 Conditions for safe storage:

Requirements for storage areas and containers : Keep container tightly closed. Protect from direct sunlight.  
Advice on common storage : Store away from oxidizing agents.

### 7.3 Specific end use:

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters:

#### 8.1.1 Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

##### 8.1.1.1 Occupational exposure limits:

#### Air limit values

We are not aware of any national exposure limit.

#### Biological limit values

We are not aware of any national exposure limit.

##### 8.1.1.2 Additional exposure limits under the conditions of use:

##### 8.1.1.3 DNEL/DMEL and PNEC-values:

DNEL

PNEC

### 8.2 Exposure controls:

#### Occupational exposure controls:

➤ Instructual measures to prevent exposure:

# SAFETY DATA SHEET

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## Azura Violet Gum

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### ➤ Technical measures to prevent exposure:

### ➤ Personal measures to prevent exposure:

- Hand protection : Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials: butyl rubber (thickness  $\geq$  0.36 mm, breakthrough time  $>$  480 min), nitrile rubber (thickness  $\geq$  0.38 mm, breakthrough time  $>$  480 min) or neoprene (thickness  $\geq$  0.65 mm, breakthrough time  $>$  240 min). For intermittent splash protection corresponding gloves with breakthrough times  $>$  60 min can be used. Avoid gloves made of: natural latex.
- Eye protection : Safety glasses.

### Environmental exposure controls:

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic physical and chemical properties:

#### 9.1.1 Appearance:

- State of matter : Liquid  
Form : Liquid.  
Colour : Yellow to brownish  
Odour : Characteristic smell.

#### 9.1.2 Important health, safety and environmental information:

- pH (25 °C) : 9.5  
Melting point/range :  $<$  0 °C  
Boiling point/range :  $>$  100 °C  
Vapour pressure (20 °C) : 23.00 hPa  
Relative density (20 °C) : 1.014  
Solubility/qualitative : Miscible with water at all ratios.

#### 9.2 Other information:

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity:

### 10.2 Chemical stability:

- Stability : The product is stable under normal conditions of storage and use.

### 10.3 Possibility of hazardous reactions:

### 10.4 Conditions to avoid:

- Conditions to avoid : Avoid contact with oxidizing agents. Remove all chemicals and

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rinse the processing tanks thoroughly with water before using any cleansing products.

### 10.5 Materials to avoid:

### 10.6 Hazardous decomposition products:

Hazardous decomposition products : None

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Toxicokinetics, metabolism and distribution:

#### Acute effects (toxicity tests):

- Acute Toxicity
- Specific target organ toxicity (STOT):
- Irritant and corrosive effects:
- Irritation to the respiratory tract:
- Sensitisation:
- Aspiration hazard:

#### Sub-acute, sub-chronic and chronic toxicity

- Repeated dose toxicity:
- Specific target organ toxicity (STOT):
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):
  - Carcinogenicity
  - Mutagenicity
  - Genetic toxicity in vitro
  - Genetic toxicity in vivo

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## Azura Violet Gum

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- **Teratogenicity**
- **Toxicity to reproduction**
- **Summarised evaluation of the CMR properties:**

### Experiences made in practice:

No toxicological effects known.

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

### 12.2 Persistence and degradability:

Physico-chemical removability

Chemical Oxygen Demand (COD)

Adsorbed organic bound halogens (AOX)

Biodegradation

Biochemical Oxygen Demand (BOD)

### 12.3 Bioaccumulative potential:

Partition coefficient (n-octanol/water)

Bioconcentration factor (BCF)

### 12.4 Mobility in soil:

Henry's constant

Transport between environmental compartments

### 12.5 Results of PBT and vPvB assessment:

### 12.6 Other adverse effects:

This preparation does not contain any ingredient that is classified as hazardous to the environment according to European Directives and corresponding national legislation.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## Azura Violet Gum

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Version 1

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Environmental regulations, discharge of chemicals and washwater, waste treatment and disposal conditions of chemicals and their packaging may vary from one country to another. The relevant local regulations should be consulted. When this product or its contaminated packaging has to be removed as waste, contact an authorized waste contractor.

May be discharged to drain if local regulations permit.

For waste resulting from this product, it is recommended to use European Waste Code : 08 03 08 (aqueous liquid waste containing ink).

### 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

### 15. REGULATORY INFORMATION

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

##### Authorisation and/or restriction on use

##### Other EU regulations

#### 15.2 Chemical Safety Assessment

### 16. OTHER INFORMATION

#### Text of R-phrases referred to under headings 2 and 3:

#### Further information

This Safety Data Sheet is compiled in accordance with European Directives and corresponding national legislation.

The information disclosed in this Safety Data Sheet is believed to be correct to the best of our current knowledge and experience. It only relates to the specific product designated herein and it may not be valid when said product is used in combination with any other material or in any process, unless specified in the text. This document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification. It is the responsibility of the user to comply with local legislation relating to safety, health, environment and waste management.

#### Sources of key data used to compile the datasheet

#### Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route

# SAFETY DATA SHEET

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## Azura Violet Gum

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ADNR:	Accord européen relatif au transport international des marchandises Dangereuses par la Rhin
AGW:	Arbeitsplatzgrenswerte (GE)
ATEmix:	Acute toxicity estimate of the mixture
CLP:	Classification, Labelling and Packaging of substances and mixtures
CMR:	Carcinoge
DNEL:	Derived No Effect Level
EC0:	Effective Concentration 0%
EC5:	Effective Concentration 5%
EC10:	Effective Concentration 10%
EC50:	Median Effective Concentration
EC100:	Effective Concentration 100%
EH40 WEL:	Workplace Exposure Limit (UK)
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
IC50:	inhibitory concentration 50%
IMDG:	International Maritime Dangerous Goods
IMO:	International Maritime Organization
IUCLID:	International Uniform Chemical Information Database
LC50:	Lethal Concentration 50%
LC100:	Lethal Concentration 100%
LOAEL:	Lowest Observed Adverse Effect Level
LDL0	Lethal Dose (minimum found to be lethal)
LD50:	Lethal Dose 50%
MAC:	Maximaal Aanvaardbare Concentratie (NL)
MAK:	Maximale Arbeitsplatz-Konzentration
NOAEL:	No Observed Adverse Effect Level
NOEL:	No Observed Effect Level
NOEC:	No Observed Effect Concentration
OEL:	Occupational Exposure Limit
PBT:	Persistent, Bioaccumulative and Toxic substance
PNEC:	Predicted No Effect Concentration
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID:	Regulations concerning the International Transport of Dangerous Goods by Rail
STEL:	Short Term Exposure Limit
TLV:	Threshold Limit Value
TRGS900:	Arbeitsplatzgrenswerte (GE)
TWA:	Time Weighted Average
VOC:	Volatile Organic Compound
vPvB:	very Persistent and very Bioaccumulative substance