

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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

1.1 Product identifier

Product name: Azura Violet Gum

UFI: HX51-S0AN-R00T-8WUJ

Synonyms, Trade Names:

WGP801

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

Identified uses: Wash gum solution

Uses advised against: Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Agfa NV
Septestraat 27
2640 Mortsel
Belgium

Telephone: +32 3 4442111
Fax: +32 3 4447094
E-mail: electronic.sds@agfa.com

National Supplier

Agfa NV - UK Branch
Units 1 & 2 Ashbourne Court,
Manners Industrial Estate
DE7 8EF Ilkeston
United Kingdom

Telephone: +44 (0)20 8 231 4616
Fax: +44 (0)20 8 231 4951
E-mail: electronic.sds@agfa.com

1.4 Emergency telephone number:

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Environmental Hazards

Chronic hazards to the aquatic environment

Category 3

H412: Harmful to aquatic life with long lasting effects.

2.2 Label Elements

Hazard Statement(s): H412: Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

Precautionary Statements

Prevention: P273: Avoid release to the environment.

2.3 Other hazards Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Betaines, coco alkyldimethyl(3-sulfopropyl)	0.25 - <1%	68201-55-8	269-225-1	No data available.	No data available.	

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

This substance is listed as SVHC

Classification

Chemical name	Classification	Notes
Betaines, coco alkyldimethyl(3-sulfopropyl)	Skin Corr.: 1: H314; Eye Dam.: 1: H318; Aquatic Acute: 1: H400; Aquatic Chronic: 1: H410;	No data available.

CLP: Regulation No. 1272/2008.

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General: Get medical attention if symptoms occur.

4.1 Description of first aid measures

Inhalation: Move to fresh air.

Skin Contact: Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

Eye contact: Rinse immediately with plenty of water.

Ingestion: Rinse mouth thoroughly.

Personal Protection for First-aid Responders: CAUTION! First aid personnel must be aware of own risk during rescue! See Section 8 of the SDS for Personal Protective Equipment.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

4.2 Most important symptoms and effects, both acute and delayed: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

Treatment: No data available.

SECTION 5: Firefighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

5.1 Extinguishing media
Suitable extinguishing media:

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture:

During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters
Special fire fighting procedures:

No data available.

Special protective equipment for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Put on protective equipment before entering danger area.

6.1.1 For non-emergency personnel:

Use personal protective equipment.

6.1.2 For emergency responders:

Warn everybody of potential hazards and evacuate if necessary. Use personal protective equipment.

6.2 Environmental Precautions:

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

6.3 Methods and material for containment and cleaning up:

Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

6.4 Reference to other sections: See Section 8 of the SDS for Personal Protective Equipment. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling: Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities: Store away from incompatible materials.

7.3 Specific end use(s): Reserved for industrial and professional use.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
Triethanolamine	Workers	Eyes	Local effect;	No data available
	General population	Inhalation	Systemic, long-term; 1.25 mg/m ³	Repeated dose toxicity
	General population	Eyes	Local effect;	No data available
	General population	Inhalation	Local, short-term; 1.25 mg/m ³	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term; 6.3 mg/kg bw/day	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 5 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Local, short-term; 5 mg/m ³	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 13 mg/kg bw/day	Repeated dose toxicity
General population	Dermal	Systemic, long-term; 3.1 mg/kg bw/day	Repeated dose toxicity	

1-Phenoxypropan-2-ol	Workers	Inhalation	Systemic, long-term; 25.7 mg/m ³	Repeated dose toxicity
	Workers	Eyes	Local effect;	No data available
	General population	Eyes	Local effect;	No data available
	Workers	Dermal	Systemic, long-term; 42 mg/kg bw/day	Repeated dose toxicity
	General population	Dermal	Systemic, long-term; 21 mg/kg bw/day	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 3.65 mg/kg bw/day	Repeated dose toxicity

sodium sulphate	Workers	Dermal	Systemic, long-term; 3.2 mg/kg bw/day	Repeated dose toxicity
-----------------	---------	--------	---------------------------------------	------------------------

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

	General population	Eyes	Local effect;	No hazard identified
	General population	Inhalation	Systemic, long-term; 12 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 22.4 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 20 mg/m ³	Repeated dose toxicity
	Workers	Eyes	Local effect;	No hazard identified
	General population	Inhalation	Local, short-term; 12 mg/m ³	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 1.6 mg/kg bw/day	Repeated dose toxicity
	General population	Inhalation	Systemic, long-term; 5.4 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Local, short-term; 20 mg/m ³	Repeated dose toxicity
	General population	Eyes	Local effect;	No data available
	Workers	Eyes	Local effect;	No data available
	General population	Dermal	Systemic, long-term; 1.6 mg/kg bw/day	Repeated dose toxicity

PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
Triethanolamine	Marine sediments	0.17 mg/kg	
	Sewage treatment plant	10 mg/l	
	Aquatic (freshwater)	0.32 mg/l	
	Aquatic (marine water)	0.032 mg/l	
	freshwater sediment	1.7 mg/kg	
	soil	0.151 mg/kg	

1-Phenoxypropan-2-ol	soil	0.02 mg/kg	
	Marine sediments	0.038 mg/kg	
	Aquatic (intermit. releases)	1 mg/l	
	Aquatic (freshwater)	0.1 mg/l	
	freshwater sediment	0.38 mg/kg	
	Aquatic (marine water)	0.01 mg/l	
	Sewage treatment plant	10 mg/l	

sodium sulphate	Aquatic (marine water)	2.2 mg/l	
	soil	2.61 mg/kg	
	Aquatic (marine water)	1.109 mg/l	
	freshwater sediment	40.2 mg/kg	
	Aquatic (freshwater)	22 mg/l	
	freshwater sediment	17.2 mg/kg	
	Sewage treatment plant	800 mg/l	
	Marine sediments	4.02 mg/kg	
	Aquatic (freshwater)	11.09 mg/l	
	soil	1.54 mg/kg	
	Marine sediments	1.72 mg/kg	

8.2 Exposure controls

Appropriate Engineering Controls: Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

General information:	Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Follow training instructions when handling this material.
Eye/face protection:	Safety goggles. EN 166.
Hand Protection:	Protective gloves should be used if there is a risk of direct contact or splash.(EN374), Chemical resistant gloves required for prolonged or repeated contact., Butyl rubber (EN374), Glove thickness: > 0.35 mm, Break-through time: > 240 min, Risk of splashes:, Nitrile rubber., Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable., The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.
Skin and Body Protection:	Safety clothes : long sleeved clothing EN13688
Respiratory Protection:	In case of inadequate ventilation use suitable respirator (EN14387). Seek advice from local supervisor.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
Environmental Controls:	Do not empty into drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Yellow, Light brown
Odor:	Characteristic
Odor Threshold:	No data available.
pH:	9.5 (25 °C)
Freezing point:	< 0 °C (DSC)
Boiling Point:	> 100 °C (DSC)
Flash Point:	No data available.
Evaporation Rate:	No data available.
Flammability (solid, gas):	Product is not combustible.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	23.00 hPa (20 °C) (DSC)
Vapor density (air=1):	No data available.
Density:	No data available.
Relative density:	1.014 (20 °C) (DSC)

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

Solubility(ies)

Solubility in Water:	Completely Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Self Ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Kinematic viscosity:	No data available.
Dynamic viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

VOC Content: EC Directive 1999/13: 0 g/l ~0 % (calculated)

SECTION 10: Stability and reactivity

10.1 Reactivity:	Material is stable under normal conditions.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Not known.
10.4 Conditions to avoid:	Avoid heat or contamination.
10.5 Incompatible Materials:	None known.
10.6 Hazardous Decomposition Products:	By heating and fire, harmful vapors/gases may be formed.

SECTION 11: Toxicological information**Information on likely routes of exposure**

Inhalation:	Inhalation is the primary route of exposure. In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
Skin Contact:	Moderately irritating to skin with prolonged exposure.
Eye contact:	Eye contact is possible and should be avoided.
Ingestion:	May be ingested by accident. Ingestion may cause irritation and malaise.

11.1 Information on toxicological effects**Acute toxicity****Oral**

Product:	Not classified for acute toxicity based on available data.
Components:	
Betaines, coco	LD50 (rat): > 2,000 mg/kg

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

alkyldimethyl(3-sulfopropyl)

Dermal

Product: Not classified for acute toxicity based on available data.

Components:
Betaines, coco alkyldimethyl(3-sulfopropyl) No data available.

Inhalation

Product: Not classified for acute toxicity based on available data.

Components:
Betaines, coco alkyldimethyl(3-sulfopropyl) No data available.

Repeated dose toxicity

Product: No data available.

Components:
Betaines, coco alkyldimethyl(3-sulfopropyl) No data available.

Skin Corrosion/Irritation:

Product: No data available.

Components:
Betaines, coco alkyldimethyl(3-sulfopropyl) No data available.

Serious Eye Damage/Eye Irritation:

Product: No data available.

Components:
Betaines, coco alkyldimethyl(3-sulfopropyl) No data available.

Respiratory or Skin Sensitization:

Product: No data available.

Components:
Betaines, coco alkyldimethyl(3-sulfopropyl) No data available.

Germ Cell Mutagenicity**In vitro**

Product: No data available.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

Components:

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

In vivo

Product: No data available.

Components:

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Carcinogenicity

Product: No data available.

Components:

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Reproductive toxicity

Product: No data available.

Components:

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Aspiration Hazard

Product: No data available.

Components:

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

Betaines, coco
alkyldimethyl(3-
sulfopropyl)

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Components

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Aquatic Invertebrates

Product: No data available.

Components

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Toxicity to microorganisms

Product: No data available.

Components

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Chronic Toxicity

Fish

Product: No data available.

Components

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

Aquatic Invertebrates

Product: No data available.

Components

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

12.2 Persistence and Degradability**Biodegradation**

Product: No data available.

BOD/COD Ratio

Product No data available.

Components

Betaines, coco
alkyldimethyl(3-
sulfopropyl) No data available.

12.3 Bioaccumulative potential

Product: No data available.

12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment:

Betaines, coco
alkyldimethyl(3-
sulfopropyl) Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria
No data available.

12.6 Other adverse effects:

No data available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****General information:**

Disposal considerations (including disposal of contaminated containers or packaging) Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

Disposal methods: Wash before disposal. Dispose to controlled facilities.

Since emptied containers retain product residue, follow label warnings even after container is emptied.

Contaminated Packaging: Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1 UN Number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	Not regulated.
14.4 Packing Group:	Not regulated.
14.5 Environmental Hazards:	Not regulated.
14.6 Special precautions for user:	Not regulated.

RID

14.1 UN Number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	Not regulated.
14.4 Packing Group:	Not regulated.
14.5 Environmental Hazards:	Not regulated.
14.6 Special precautions for user:	Not regulated.

IMDG

14.1 UN Number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	Not regulated.
14.4 Packing Group:	Not regulated.
14.5 Environmental Hazards:	Not regulated.
14.6 Special precautions for user:	Not regulated.

IATA

14.1 UN Number:	Not regulated.
14.2 UN Proper Shipping Name:	Not regulated.
14.3 Transport Hazard Class(es)	Not regulated.
14.4 Packing Group:	Not regulated.
14.5 Environmental Hazards:	Not regulated.
14.6 Special precautions for user:	Not regulated.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: not applicable

SECTION 15: Regulatory information

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

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

Regulation (EC) No. 689/2008 Import and export of dangerous chemicals: none

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC): none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use: none

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I: not applicable

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work: none

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
ADNR	Accord européen relatif au transport international des marchandises Dangereuses par la Rhin
AGW	Arbeitsplatzgrenswerte (DE)
ATEmix	Acute toxicity estimate of the mixture
CLP	Classification, Labelling and Packaging of substances and mixtures
CMR	carcinogenicity, mutagenicity and toxicity for reproduction
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 (GB)
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IC50	inhibitory concentration 50%

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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	Treshold Limit Value
TRGS900	Arbeitsplatzgrenswerte (DE)
TWA	Time Weighted Average
VOC	Volatile Organic Compound
vPvB	very Persistent and very Bioaccumulative substance

Key literature references and sources for data: Safety Data Sheet from the supplier.
ECHA

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 as amended.	Classification procedure
Chronic hazards to the aquatic environment, Category 3	Calculation method

Wording of the H-statements in section 2 and 3

H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Training information: Follow training instructions when handling this material.

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.



Product name: Azura Violet Gum

SDS No.: 000001016539

Version: 1.2

Issue Date: 16.07.2019

Last revised date: 16.07.2019

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.
