



## Safety Data Sheet AFA GS

Safety Data Sheet dated 22/04/2016, version 1

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

#### 1.1. Product Identifier

Mixture identification:

Trade name: **AFA GS**

#### 1.2. Relevant identified uses of the substance/mixture and uses advised against

Recommended use:

Cosmetics, personal care products

#### 1.3. Details of the supplier of the safety data sheet

Company:

CR&D S.r.l.

via Redipuglia, 150

21055 Gorla Minore (VA) ITALIA

Tel. 0331/606842 Fax 0331/606173

Competent person responsible for the safety data sheet:

r.donadelli@crdcosmetic.com

#### 1.4. Emergency telephone number

Tel. 0331/606842

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### 2. HAZARDS IDENTIFICATION

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

The product is not classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

None

#### 2.3. Other hazards

None

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

#### Additional information

Not Relevant

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### 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

Nevertheless, observance of good industrial hygiene is recommended.

#### 4.2. Most important symptoms and effects, both acute and delayed

No episodes of damage to health ascribable to the product have been reported.

#### 4.3. Indication of any immediate medical attention and special treatment needed

None

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### 5. FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable extinguishing media:

Dry extinguishing powder alcohol resistant foam Carbon dioxide (CO<sub>2</sub>) Water mist

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

Carbon dioxide (CO<sub>2</sub>) Carbon monoxide.

#### 5.3. Advice for fire-fighters

Do not inhale explosion and combustion gases. Use appropriate respiratory protection.

#### 5.4 Additional information

Remove persons to safety.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Use breathing equipment if fumes or powders are released into the air.

#### 6.2. Environmental precautions

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

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

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water.

Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

See also section 7 and 8.

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## 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Store in closed, labelled containers.

#### 7.2 Conditions for safe storage, including any incompatibilities

Normal storage conditions without particular incompatibilities.

#### 7.3 Specific end use(s)

None

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

Not available

#### 8.2 Exposure controls

##### Eye/face protection

Eye/face protection not required

##### Skin protection

Skin protection not required

##### Hand protection

Hand protection not required

##### Respiratory protection

Respiratory protection not required

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Appearance and colour:	Semi - Viscous liquid and Blue - Green
Odour:	Typical
Odour threshold:	N.A.
pH:	5.0 – 6.0
Melting point / freezing point:	N.A.
Initial boiling point and boiling range:	N.A.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	N.A.
Evaporation rate:	N.A.
Vapour pressure:	N.A.

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Relative density:	1.01 g/ml at 20°C
Solubility in water:	Yes
Lipid solubility:	No
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.

#### 9.2. Other information

Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.
Dry Residue (%) :	N.A.

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## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under recommended storage and handling conditions. See section 7. No additional measures necessary.

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Stable under normal conditions.

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

If burned can release vapours potentially dangerous.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

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## 12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

### 12.1 Toxicity

N.A.

### 12.2 Persistence and degradability

N.A.

### 12.3 Bioaccumulative potential

N.A.

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

N.A.

### 12.6 Other adverse effects

No information available.

### 12.7 Additional ecotoxicological information

None

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#### 13. DISPOSAL CONSIDERATIONS

##### 13.1. Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations. Evidence for disposal must be provided.

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#### 14. TRANSPORT INFORMATION

##### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

##### 14.2. UN proper shipping name

N.A.

##### 14.3. Transport hazard class(es)

N.A.

##### 14.4. Packing Group

N.A.

##### 14.5. Environmental hazards

N.A.

##### 14.6. Special Precautions for User

N.A.

##### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

N.A.

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#### 15. REGULATORY INFORMATION

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.  
Regulation (EC) nr 648/2004 (detergents).  
1999/13/EC (VOC directive)

##### 15.2. Chemical Safety Assessment

No

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#### 16. OTHER INFORMATION

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ACGIH:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.



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GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.

All information you find inside this circular are drawn up on the basis of our best knowledge and experience. Nevertheless, we can't assume any guarantees for the single case, due to the variety of the processing and appliance systems. *Le informazioni contenute in questa circolare sono redatte in base alle nostre migliori cognizioni ed esperienze, tuttavia data la molteplicità dei sistemi di lavorazione e delle applicazioni non possiamo assumere delle garanzie per il caso singolo.*