



MATERIAL SAFETY DATA SHEET
according to Regulation (EC) No. 453/2010

PRODUCT: AKOMPLEX AHA FRUIT HGL

Rev 3.1 May 2016

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

Identification of the product

Trade Name: AKOMPLEX AHA FRUIT HGL
Reference code: GU-00625

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

Identified uses: cosmetic ingredient.
Uses advised against: none relevant.

Company Identification

Company name: AKOTT EVOLUTION SRL
Address: Via Rosso di San Secondo 1
Zip, City and State: 20134 Milan - Italy

Telephone: +39 02 66985487
Fax: +39 02 66715138
e-mail: akott@akott.com

Tel Poison Control Center: Az. Osped. Niguarda Ca' Granda (MI)
+39 02 66101029 (*Italian language speaking*)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not classified as hazardous.

Classification according to Directive 67/548/EEC

Not classified as hazardous.

Label elements

Label not required.

Other hazards

There are no hazards that should be specifically mentioned.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Phyto-Complex obtained by mixing fruit hydroglyceric extracts and AHA of fruit.

Composition

INCI Name: Aqua/Water, Glycerin, Citric acid, Lactic acid, Glycolic acid, Tartaric acid, Malic acid, Pyrus malus (Apple) Fruit Extract, Vitis vinifera (Grape) Leaf Extract, Vaccinium myrtillus Leaf Extract, Citrus limon Fruit Extract, Saccharum officinarum (Sugar cane) Extract

CAS Number: 7732-18-5 / 56-81-5 / 77-92-9 / 50-21-5 / 79-14-1 / 87-69-4 / 97-67-6 / 82251-63-4 / 84929-27-1 / 84082-34-8 / 84929-31-7 / 91722-22-4

EINECS\ELINCS Number: 231-791-2 / 200-289-5 / 201-069-1 / 200-018-0 / 201-180-5 / 201-766-0 / 202-601-5 / 286-475-7 / 284-511-6 / 281-983-5 / 284-515-8 / 294-424-5



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Hazardous components

None.

4. FIRST AID MEASURES

Eyes

In case of contact immediately flush with copious amounts of water. If needed, consult a specialist.

Skin

In case of contact wash with neutral soap and water.

Inhalation

Remove to fresh air.

Ingestion

Remove material from mouth. Drink plenty of water. If large amount swallowed or symptoms develop get medical attention.

5. FIRE-FIGHTING MEASURES

There is no danger of fire or explosion in normal use conditions. The product is not flammable and cannot explode.

Extinguishing media

Use nebulized water, alcohol resistant foam, CO₂ or dry chemical. Extinguish the source of heat and always wear appropriate clothing when fighting a fire.

Unsuitable extinguishing media

Water jet.

Special protective equipment

Wear self-contained breathing apparatus and full protective clothing.

Special hazards arising from the substance or mixture

Under conditions giving incomplete combustion, hazardous gases produced may consist of: carbon monoxide (CO) carbon dioxide (CO₂). Combustion gases of organic materials must in principle be graded as inhalation poisons. Combustion produces caustic fumes. Vapors are heavier than air and may spread along floors.

Advice for firefighters

Cool containers / tanks with water spray. Dike and collect water used to fight fire. Keep people away from and upwind of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas. Keep away from heat and sources of ignition. For emergency responders: for personal protection see section 8.

Environmental precautions

Prevent further leakage or spillage. Do not discharge product into the aquatic environment without pretreatment.

Procedures for spill/leak clean-up

Stop the flow of material, if possible. Dike spilled material, where this is possible. Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. If liquid has been spilt in large quantities clean up



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promptly by scoop or vacuum. Dispose of in accordance with local regulations.

Reference to other sections

See section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling

No special precautions required, but avoid eye and skin contact as part of normal industrial hygiene. Prevent formation of mist. Eye and skin contact should be avoided if handling at elevated temperatures.

Storage

Store in clean tight containers to prevent moisture pickup from air.

Other recommendations

None.

Specific use(s)

Follow bulk handling and storage procedures as noted above.

8. INDIVIDUAL EXPOSURE/PROTECTION CONTROL

General precautions

Good industrial hygiene should be followed. Avoid breathing mist.

Personal protective equipment

Eye -- none required, although eye protection is recommended as part of good industrial hygiene.

Skin -- protective gloves not required with normal use.

Inhalation -- an appropriate approved respirator should be used if a mist or vapor is generated.

Other controls

None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	lightly opalescent liquid
Colour	amber yellow to orange
Odor	characteristic
Boiling point	-
Melting point	-
Flash point & method	-
Explosive characteristics	-
Vapor pressure	-
Density (20 °C)	1,179 ± 0,01 g/ml
Solubility in water	soluble with light opalescence
pH (10 % sol. in water - 20°C)	0,81 – 2,81

10. STABILITY AND REACTIVITY

Stability

The product is stable under normal operational conditions.

Thermal decomposition/ conditions to be avoid



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No decomposition if used according to specifications.

Dangerous reaction

No dangerous reaction known.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Based on the analysis of the composition and the toxicological profile of the components the product is expected not to cause any systemic toxic effects.

Skin irritation

No expected potential for human skin irritation.

Eye irritation

No expected potential for eye irritation.

Mutagenicity

No expected potential for mutagenicity.

Skin sensitization

No expected potential for skin sensitization.

12. ECOLOGICAL INFORMATION

Persistence and degradability

Biodegradable product. During natural decomposition no dangerous products are developed. However, use according to good working practice and do not release it to the environment.

Further information

The product does not cause any damages to depuration plants when properly used.

Results of PBT and vPvB assessments

No PBT and no vPvB.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal: dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14. TRANSPORTATION INFORMATION

NO WARNINGS TO INDICATE

Specific risks

The product is not classified as dangerous.

International transportation classification

Not classified.

ADR road transportation

Not classified.



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RID/RPM railroad transportation

Not classified.

IMDG/IMO ship transportation

Not classified.

15. REGULATION INFORMATION

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.

16. OTHER INFORMATION

The information contained in this form is based on the knowledge currently available to us on the date of the last version. These data are offered in good faith as typical values and not as product specifications.