

**ALPAFLOR® GIGAWHITE****5037298**

Version 2.0

Revision Date 11/29/2012

Print Date 07/09/2013

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : ALPAFLOR® GIGAWHITE

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

Use of the Substance/Mixture : Ingredient for personal care products

**1.3 Details of the supplier of the safety data sheet**

Company : DSM Nutritional Products  
45 Waterview Blvd  
US-07054-1298 Parsippany

Telephone : (908) 475-7373  
Telefax : (908) 475-7406  
E-mail address : sds.nutritionalproducts@dsm.com  
Responsible/issuing person

**1.4 Emergency telephone number**

Emergency # 1-800-424-9300 (24 HR CHEMTREC)

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

Form: viscous, liquid, Colour: amber - clear, Odour: characteristic

Hazard Summary : May cause cancer.  
OSHA Hazards : CARCINOGEN

**Potential Health Effects**

Symptoms of Overexposure : No specific symptoms known.

**Carcinogenicity:**

**IARC** Group 1: Carcinogenic to humans  
ethanol 64-17-5

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**ACGIH** Confirmed animal carcinogen with unknown relevance to humans  
ethanol 64-17-5

**Additional hazards and advice**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Brief description of the product : Mixture (preparation) containing active ingredients and auxiliary substances

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**Hazardous components**

Component	CAS-No.	Weight percent
glycerol	56-81-5	30 - 50
ethanol	64-17-5	5 - 10

**SECTION 4. FIRST AID MEASURES****First aid procedures**

- General advice : No hazards which require special first aid measures.
- Inhalation : Move to fresh air.  
If symptoms persist, call a physician.
- Skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- Eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

**Notes to physician**

- Symptoms : No specific symptoms known.
- Treatment : Treat symptomatically.

**SECTION 5. FIREFIGHTING MEASURES****Flammable properties**

- Flash point : 111 °F (44 °C)  
Method: ISO 13736  
Not classified as supporting combustion according to the transport regulations.
- Lower explosion limit : not determined
- Upper explosion limit : not determined

**Fire fighting**

- Suitable extinguishing media : Alcohol-resistant foam  
Dry chemical  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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**Protective equipment and precautions for firefighters**

Specific hazards during firefighting : None known.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions : Use personal protective equipment.

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods for containment / Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.**SECTION 7. HANDLING AND STORAGE****Handling**Handling : For personal protection see section 8.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge.

**Storage**Requirements for storage areas and containers : Protect against light.  
Keep container tightly closed and dry.

Advice on common storage : No special restrictions on storage with other products.

Storage temperature : 59 - 77 °F (15 - 25 °C)

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines****Components with workplace control parameters**

Components	CAS-No.	Value	Control parameters	Update	Basis
glycerol	56-81-5	TWA	10 mg/m <sup>3</sup>	2010-03-01	ACGIH
	Upper Respiratory Tract irritation				
		TWA	15 mg/m <sup>3</sup>	2007-01-01	OSHA P1
	total dust				
		TWA	5 mg/m <sup>3</sup>	2007-01-01	OSHA P1
	respirable fraction				
ethanol	64-17-5	TWA	1,000 ppm	2009-01-01	ACGIH
	Upper Respiratory Tract irritation Confirmed animal carcinogen with unknown relevance to humans				

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		TWA	1,000 ppm 1,900 mg/m3	1997-08-04	OSHA P1
The value in mg/m3 is approximate.					
		TWA	1,000 ppm 1,900 mg/m3	2005-09-01	NIOSH REL

**NIOSH IDLH (Immediately Dangerous to Life or Health Concentrations)**

Substance name	CAS-No.	Control parameters
ethanol	64-17-5	Immediately Dangerous to Life or Health Concentration Value 3300 parts per million

**Engineering measures**

For technical measures see section 7.

**Personal protective equipment**

- Eye protection : Safety glasses
- Hand protection : Glove material: for example nitrile rubber  
For prolonged or repeated contact use protective gloves.
- Skin and body protection : Protective suit
- Respiratory protection : No personal respiratory protective equipment normally required.
- Hygiene measures : General industrial hygiene practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

- Form : viscous, liquid
- Colour : amber - clear
- Odour : characteristic
- Odour Threshold : No information available.

**Safety data**

- Flash point : 44 °C (closed cup, ISO 13736)  
Not classified as supporting combustion according to the transport regulations.
- Ignition temperature : 541 °C (EN 14522)
- Thermal decomposition : no data available
- Lower explosion limit : not determined
- Upper explosion limit : not determined
- Explosive properties : no data available

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Oxidizing properties	: no data available
Auto-ignition temperature	: no data available
pH	: no data available
Melting point/range	: not determined
Boiling point/boiling range	: not determined
Vapour pressure	: not determined
Density	: not determined
Water solubility	: soluble
Partition coefficient: n-octanol/water	: not applicable
Solubility in other solvents	: Oils and fats: insoluble
Viscosity, dynamic	: not determined
Relative vapor density	: not applicable
Evaporation rate	: not determined

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: No hazards to be specially mentioned.
Chemical stability	: Stable under recommended storage conditions.
Hazardous reactions	: Possible incompatibility with materials listed under section 10.5.
Conditions to avoid	: Heat.
Materials to avoid	: Strong acids and strong bases Strong oxidizing agents
Hazardous decomposition products	: No decomposition if used as directed.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity	: no data available
Skin irritation	: No skin irritation (human, Patch Test 48 Hrs.)
Eye irritation	: no data available
Sensitisation	: no data available

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Carcinogenicity	: This information is not available.
Genotoxicity in vitro	: no data available
Reproductive toxicity	: This information is not available.
STOT - repeated exposure Chronic exposure	: This information is not available.

**SECTION 12. ECOLOGICAL INFORMATION****Toxicity**

No data is available on the product itself.

**Persistence and degradability**

Biodegradability : no data available

**Bioaccumulative potential**

Bioaccumulation : no data available  
Partition coefficient: n-  
octanol/water : not applicable

**Mobility in soil**

Distribution among  
environmental compartments : no data available

**Results of PBT and vPvB assessment**

Assessment : This mixture contains no substance considered to be  
persistent, bioaccumulating nor toxic (PBT).  
: This mixture contains no substance considered to be very  
persistent nor very bioaccumulating (vPvB).

**Other adverse effects**

Additional ecological  
information : There is no data available for this product.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Further information : User must determine if any wastes generated exhibit  
hazardous characteristics as per 40 CFR Part 261 or other  
national / local legislation.  
  
Offer surplus and non-recyclable solutions to a licensed  
disposal company.

Contaminated packaging : Empty containers should be taken to an approved waste  
handling site for recycling or disposal.

**SECTION 14. TRANSPORT INFORMATION****DOT**

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Not dangerous goods

**TDG**

Not dangerous goods

**IATA**

Not dangerous goods

**IMDG**

Not dangerous goods

**Special precautions for user**

Not classified as dangerous in the meaning of transport regulations.

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

not applicable

**SECTION 15. REGULATORY INFORMATION**

OSHA Hazards : Carcinogen

CERCLA Reportable :  
Quantity

This material does not contain any components with a CERCLA RQ.

SARA 311/312 Hazards : Chronic Health Hazard

**EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW**SARA 302 Reportable : SARA 302: No chemicals in this material are subject to the  
Quantity reporting requirements of SARA Title III, Section 302.

This material does not contain any components with a SARA 302 RQ.

SARA 304 Extremely : This material does not contain any components with a section  
Hazardous Substances 304 EHS RQ.SARA 313 Components : SARA 313: This material does not contain any chemical  
components with known CAS numbers that exceed the  
threshold (De Minimis) reporting levels established by SARA  
Title III, Section 313.**Clean Air Act**Ozone-Depletion Potential : This product neither contains, nor was manufactured with a  
Class I or Class II ODS as defined by the U.S. Clean Air Act  
Section 602 (40 CFR 82, Subpt. A, App.A + B).This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for  
Accidental Release Prevention (40 CFR 68.130, Subpart F).This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean  
Air Act Section 12 (40 CFR 61).The following chemical(s) are listed : glycerol 37.541 %  
under the U.S. Clean Air Act  
Section 111 SOCM Intermediate or  
Final VOC's (40 CFR 60.489):

ethanol 9.9 %

**Clean Water Act**This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act,  
Section 311, Table 116.4A.

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This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

**US State Regulations**

## Massachusetts Right To Know

Components	:	glycerol	56-81-5
		ethanol	64-17-5

## Pennsylvania Right To Know

Components	:	glycerol	56-81-5
		ethanol	64-17-5

## New Jersey Right To Know

Components	:	glycerol	56-81-5
		ethanol	64-17-5
		Mallow, <i>Malva sylvestris</i> , ext.	84082-57-5
		<i>Alchemilla vulgaris</i> , ext.	84695-94-3
		<i>Melissa officinalis</i> , ext.	84082-61-1

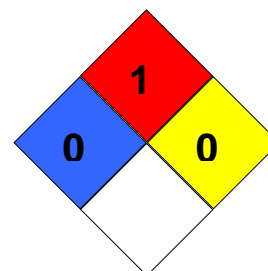
**The components of this product are reported in the following inventories:**

TSCA	Not On TSCA Inventory	
	Mallow, <i>Malva sylvestris</i> , ext.	84082-57-5
	<i>Alchemilla vulgaris</i> , ext.	84695-94-3
	<i>Melissa officinalis</i> , ext.	84082-61-1
	Peppermint, ext.	84082-70-2
	Primrose, <i>Primula veris</i> , ext.	84787-68-8
	<i>Veronica officinalis</i> , ext.	85117-19-7
	Yarrow, <i>Achillea millefolium</i> , ext.	84082-83-7
DSL	This product contains the following components that are not on the Canadian DSL nor NDSL.	
	<i>Alchemilla vulgaris</i> , ext.	84695-94-3
	<i>Melissa officinalis</i> , ext.	84082-61-1

**SECTION 16. OTHER INFORMATION****Further information**

HMIS Classification	:	Health hazard: 0
		Chronic Health Hazard: *
		Flammability: 1
		Physical hazards: 0

NFPA Classification	:	Health hazard: 0
		Fire Hazard: 1
		Reactivity Hazard: 0



The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release



and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

E-mail address : sds.nutritionalproducts@dsm.com  
Responsible/issuing person

**Abbreviations:** ACGIH = American Conference of Governmental Industrial Hygienists. CERCLA = Comprehensive Environmental Response, Compensation and Liability Act. CFR = Code of Federal Regulations. CPR = Controlled Products Regulations. DSL = Canadian Domestic Substance List. DOT = Department of Transportation. EINECS = European Inventory of New and Existing Chemical Substances. EPA = Environmental Protection Agency. HCS = Hazardous Communication Standard. HEPA = High Efficiency Particulate Air. HMIS = Hazardous Material Identification System. IARC = International Agency for Research on Cancer. IATA = International Air Transport Association. IMDG = International Maritime Dangerous Good. NFPA = National Fire Protection Association. NIOSH = National Institute of Occupational Safety and Health. NJTSR = New Jersey Trade Secret Registry. NTP = National Toxicology Program. OSHA = Occupational Safety and Health Administration. SARA = Superfund Amendments and Reauthorization Act. TDG = Transportation of Dangerous Goods. TLV = Threshold Limit Value. TSCA = Toxic Substance Control Act. WHMIS = Workplace Hazardous Materials Information System.