

**SAFETY DATA SHEET**

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
™ Trademark, Ashland or its subsidiaries, registered  
in various countries  
828264

29 CFR 1910.1200 (OSHA HazCom 2012)

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION****Product identifier**

Trade name : Gafquat™ 755N  
polyquaternium-11  
™ Trademark, Ashland or its subsidiaries, registered in  
various countries

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

Recommended use : Personal care

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

Ashland  
P.O. Box 2219  
Columbus, OH 43216  
United States of America (USA)  
+1-614-790-3333

EHSProductSafety@ashland.com

**Emergency telephone number**

1-800-ASHLAND (1-800-274-5263)

**Regulatory Information Number**

1-800-325-3751

**Product Information**

+1-614-790-3333

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

**GHS label elements**

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

**Other hazards**

None known.

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

Substance / Mixture : Mixture

**Hazardous components**

No hazardous ingredients

**SAFETY DATA SHEET**

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
™ Trademark, Ashland or its subsidiaries, registered  
in various countries  
828264

**SECTION 4. FIRST AID MEASURES**

- General advice : No hazards which require special first aid measures.
- If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.
- If swallowed : Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : No symptoms known or expected.
- Notes to physician : No hazards which require special first aid measures.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray  
Foam  
Carbon dioxide (CO2)  
Dry chemical
- Specific hazards during firefighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.  
Do not allow run-off from fire fighting to enter drains or water courses.



## SAFETY DATA SHEET

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 828264

Hazardous combustion products : No hazardous combustion products are known

Specific extinguishing methods :

Product is compatible with standard fire-fighting agents.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions : Prevent product from entering drains.  
 Prevent further leakage or spillage if safe to do so.  
 If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
 Keep in suitable, closed containers for disposal.

Other information : Comply with all applicable federal, state, and local regulations.

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Smoking, eating and drinking should be prohibited in the application area.  
 For personal protection see section 8.

Conditions for safe storage : Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Materials to avoid : No materials to be especially mentioned.



## SAFETY DATA SHEET

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 828264

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** : General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

#### Personal protective equipment

**Eye protection** : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

**Skin and body protection** : Wear resistant gloves (consult your safety equipment supplier).  
 Wear as appropriate:  
 Safety shoes

**Hygiene measures** : General industrial hygiene practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : viscous

**Physical state** : liquid

**Colour** : cloudy

**Odour** : none

**Odour Threshold** : No data available

**pH** : 6.0 - 7.0

**Melting point/freezing point** : No data available

**Boiling point/boiling range** : No data available

**Flash point** : 104.5 °C(Estimated)

**SAFETY DATA SHEET**

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
™ Trademark, Ashland or its subsidiaries, registered  
in various countries  
828264

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : 1 g/cm<sup>3</sup> (20 °C)

**Solubility(ies)**

Water solubility : soluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Thermal decomposition : No data available

**Viscosity**

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Product will not undergo hazardous polymerization.

Hazardous decomposition products : No hazardous decomposition products are known.

**SAFETY DATA SHEET**

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
™ Trademark, Ashland or its subsidiaries, registered  
in various countries  
828264

**SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure : Inhalation  
Skin contact  
Eye Contact  
Ingestion

**Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity : LD50 (Rat): &gt; 5,000 mg/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Species: Rabbit

Result: No skin irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Species: Rabbit

Result: No eye irritation

GLP: yes

Remarks: Unlikely to cause eye irritation or injury.

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Product:**

Test Type: Human Repeat Insult Patch Testing (HRIPT)

Exposure routes: Dermal

Assessment: Does not cause skin sensitisation.

GLP: yes

Germ cell mutagenicity

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.



## SAFETY DATA SHEET

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 828264

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

### Product:

No aspiration toxicity classification

### Further information

### Product:

Remarks: No data available

### Carcinogenicity:

#### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

#### 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.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 4.47 mg/l  
 Exposure time: 96 h  
 Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 177.1 mg/l  
 Exposure time: 48 h  
 Method: OECD Test Guideline 202  
 GLP: yes

EC50 (Daphnia magna (Water flea)): 1,922.1 mg/l  
 Exposure time: 24 h  
 Method: OECD Test Guideline 202  
 GLP: yes

### Ecotoxicology Assessment

Acute aquatic toxicity : Acute aquatic toxicity Category 2; Toxic to aquatic life.



## SAFETY DATA SHEET

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 828264

Chronic aquatic toxicity : Chronic aquatic toxicity Category 3; Harmful to aquatic life with long lasting effects.

### Persistence and degradability

#### Product:

Biodegradability : Concentration: 100 mg/l  
 Result: Not readily biodegradable.  
 Biodegradation: 1.4 - 2.7 %  
 Exposure time: 28 d

No data available

#### **Bioaccumulative potential**

No data available

#### **Mobility in soil**

No data available

#### **Other adverse effects**

No data available

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life., Harmful to aquatic life with long lasting effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

General advice : Dispose of in accordance with all applicable local, state and federal regulations.

The product should not be allowed to enter drains, water courses or the soil.

Contaminated packaging : Empty remaining contents.  
 Dispose of as unused product.  
 Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14. TRANSPORT INFORMATION

### International transport regulations

#### REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.



**SAFETY DATA SHEET**

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
™ Trademark, Ashland or its subsidiaries, registered  
in various countries  
828264

**MX\_DG**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods

**TDG\_INWT\_C**

Not dangerous goods

**TDG\_RAIL\_C**

Not dangerous goods

**TDG\_ROAD\_C**

Not dangerous goods

**U.S. DOT - INLAND WATERWAYS**

Not dangerous goods

**CFR\_RAIL\_C**

Not dangerous goods

**U.S. DOT - ROAD**

Not dangerous goods

**\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Marine pollutant

no



## SAFETY DATA SHEET

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 828264

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity

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

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 302** : This material does not contain any components with a section 302 EHS TPO.

**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.

#### Pennsylvania Right To Know WATER

7732-18-5

2-PROPENOIC ACID, 2-METHYL-, 2-  
 (DIMETHYLAMINO)ETHYL ESTER,  
 POLYMER WITH 1-ETHENYL-2-  
 PYRROLIDINONE 53633-54-8

#### New Jersey Right To Know WATER

7732-18-5

2-PROPENOIC ACID, 2-METHYL-, 2-  
 (DIMETHYLAMINO)ETHYL ESTER,  
 POLYMER WITH 1-ETHENYL-2-  
 PYRROLIDINONE 53633-54-8

**California Prop 65** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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

TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL



## SAFETY DATA SHEET

Revision Date: 02/06/2018

Print Date: 2/22/2018

SDS Number: R0718326

Version: 1.7

Gafquat™ 755N polyquaternium-11  
 ™ Trademark, Ashland or its subsidiaries, registered  
 in various countries  
 828264

AICS : On the inventory, or in compliance with the inventory

ENCS : Personal care

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

## SECTION 16. OTHER INFORMATION

### Further information

Revision Date: 02/06/2018

NFPA:	HMIS III:						
<p>Flammability</p> <p>Health</p> <p>Instability</p> <p>Special hazard.</p>	<table> <tr> <td><b>HEALTH</b></td><td><b>0</b></td></tr> <tr> <td><b>FLAMMABILITY</b></td><td><b>1</b></td></tr> <tr> <td><b>PHYSICAL HAZARD</b></td><td><b>0</b></td></tr> </table> <p>0 = not significant, 1 =Slight,            2 = Moderate, 3 = High            4 = Extreme, * = Chronic</p>	<b>HEALTH</b>	<b>0</b>	<b>FLAMMABILITY</b>	<b>1</b>	<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>HEALTH</b>	<b>0</b>						
<b>FLAMMABILITY</b>	<b>1</b>						
<b>PHYSICAL HAZARD</b>	<b>0</b>						

### NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

### Full text of H-Statements

	Page: 12
<b>SAFETY DATA SHEET</b>	Revision Date: 02/06/2018
	Print Date: 2/22/2018
	SDS Number: R0718326
Gafquat™ 755N polyquaternium-11 ™ Trademark, Ashland or its subsidiaries, registered in various countries 828264	Version: 1.7

Sources of key data used to compile the Safety Data Sheet  
 Ashland internal data including own and sponsored test reports  
 The UNECE administers regional agreements implementing harmonised classification for  
 labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether  
 originating with the company or not. Recipients are advised to confirm in advance of need that the  
 information is current, applicable, and suitable to their circumstances. This SDS has been  
 prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

#### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of  
 Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response,  
 Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -  
 Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL -  
 Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS -  
 Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS -  
 Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -  
 Concentration associated with x% growth rate response; ERG - Emergency Response Guide;  
 GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous  
 Materials Identification System; IARC - International Agency for Research on Cancer; IATA -  
 International Air Transport Association; IBC - International Code for the Construction and  
 Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory  
 concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing  
 Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -  
 International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -  
 International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 -  
 Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population  
 (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from  
 Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA -  
 National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration;  
 NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate;  
 NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD -  
 Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety  
 and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS -  
 Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure  
 Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation  
 (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration,  
 Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-  
 Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization  
 Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic  
 Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations  
 Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very  
 Bioaccumulative