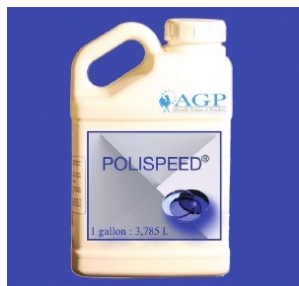


POLISPEED



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1 – Identification of the substance

Product Name: Polispeed
Synonym: Aqueous suspension.
Product Code: 6900204

Recommended use of the chemical and restrictions on use

Recommended use: Industrial use.
Restrictions on use: Reserved for industrial and professional use.

2 – Hazards Identification

GHS Classification: Not a hazardous substance or mixture.
GHS Label element: Not a hazardous substance or mixture.
Other hazards which do not result in classification: None known.

3 – Composition / Information on ingredients

Substance / mixture: Mixture.
Chemical nature: Metal oxide/hydroxide, water, inorganic salt
Hazardous components: No hazardous ingredients.

Chemical name	CAS n°	Concentration (%)
Aluminum Nitrate	7784-27-2	>= 1,5 - < 3
Trade Secret Suspension Agent	Not assigned	>= 1 - < 1,5

4 – First Aid Measures

General advice: Do not leave the victim unattended.

If inhaled: Remove to fresh air.
 If unconscious place in recovery position and seek medical advice.
 Never give anything by mouth to an unconscious person.

In case of skin contact: Wash off immediately with soap and plenty of water.
 If a person feels unwell or symptoms of skin irritation appear, consult a physician.

In case of eye contact: Rinse immediately with plenty of water and seek medical advice.

If swallowed: Do NOT induce vomiting.
 Rinse immediately with plenty of water and seek medical advice.

Most important symptoms and effects, both acute and delayed: None known.

5 – Fire Fighting Measures

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards during firefighting:	Exposure to decomposition products may be a hazard to health. Do not allow run-off from fire fighting to enter drains or water courses.
Specific extinguishing methods:	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for firefighters:	In the event of fire, wear self-contained breathing apparatus.

6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation. Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions:	Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.
Methods and materials for containment and cleaning up:	Sweep up and shovel into suitable containers for disposal. Clean contaminated floors and objects thoroughly while observing environmental regulations.

7- Handling and Storage

Advice on protection against fire and explosion:	Normal measures for preventive fire protection.
Advice on safe handling:	Do not get in eyes or mouth or on skin. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Do not use in areas without adequate ventilation. Keep away from heat and sources of ignition.
Conditions of safe storage:	Keep in a dry, cool and well-ventilated place. No special restrictions on storage with other products. No material to be especially mentioned. Do not store near acids.

8 – Exposure Controls / Personal Protection

Components with workplace control parameters

Components	CAS N°	Value type (form of exposure)	Control parameters / Permissible concentration	Basis
Trade Secret Suspension Agent	Not assigned	TWA	2 mg/m ³ (Aluminum)	VN OEL
		STEL	4 mg/m ³ (Aluminum)	VN OEL

Engineering measures:	Apply technical measures to comply with the occupational exposure limits. Provide adequate ventilation.
Personal protective equipment	
Respiratory protection:	When workers are facing concentrations above the exposure limit they must use

	appropriate certified respirators.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses with side-shields. Ensure that eyewash stations and safety showers are close to the workstation location.
Skin and body protection:	Protective suit.
Hygiene measures:	Remove contaminated clothing and protective equipment before entering eating areas. Wash hands before breaks and immediately after handling the product.

9 – Physical and Chemical Properties

Appearance	Liquid	Color	White
Odor	Odorless	Odor threshold	No data available
pH	3.2 - 4.2	Melting point/range	No data available
Boiling point/boiling range	No data available	Flash point	Not applicable
Upper explosion limit	No data available	Lower explosion limit	No data available
Evaporation rate	No data available	Vapor pressure	No data available
Relative vapor density	No data available	Relative density	No data available
Density	No data available	Bulk density	No data available
Solubility - Water solubility	No data available	Partition coefficient: n-octanol/water	No data available
In other solvents	No data available	Auto-ignition temperature	Not determined
Thermal decomposition	No data available	Viscosity, kinematic	No data available
Oxidizing properties	No data available	Refractive index	No data available
Volatile organic compounds (VOC) content	Not applicable		

10 – Stability and Reactivity

Reactivity:	No data available.
Chemical stability:	No data available.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Incompatible materials.
Incompatible materials:	Incompatible with oxidizing agents. Incompatible with strong acids and bases.
Hazardous decomposition materials:	No data available.

11 – Toxicological Information

Acute toxicity	Not classified based on available information.
<u>Product:</u>	
Acute oral toxicity:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method.
<u>Components:</u>	
<i>Aluminum Nitrate:</i>	
Acute oral toxicity:	LD50 (Rat): 3.671 mg/kg
<i>Trade secret Suspension Agent:</i>	
Acute oral toxicity:	LD50 Oral (Rat): > 5.50 mg/kg
Skin corrosion/irritation	Not classified based on available information.
<u>Product:</u>	
Remarks:	According to the classification criteria of the European Union, the product is not considered as being an skin irritant.

Serious eye damage/eye irritation Not classified based on available information.

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being a eye irritant.

Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

Product:

Remarks: No data available.

Gem cell mutagenicity Not classified based on available information.

Carcinogenicity Not classified based on available information.

Reproductive toxicity Not classified based on available information.

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.

Further information

Product:

Remarks: No data available.

12 – Ecological information

Ecotoxicity No data available.

Components:

Trade Secret Suspension Agent:

Toxicity to fish: LC50 (Fish): 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other Aquatic invertebrates: EC50 (Daphnia (water flea)): 100 mg/l
Exposure time: 48 h

Persistence and degradability

Components:

Trade Secret Suspension Agent:

Biodegradability Remarks: no data available.

Bioaccumulative potential

Components:

Trade Secret Suspension Agent:

Bioaccumulation Remarks: no data available.

Mobility in soil

Components:

Trade Secret Suspension Agent:

Distribution among environmental compartments: Remarks: no data available.

Other adverse effects

Product:

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

13 – Disposal Considerations

Disposal methods

Waste from residues:	Offer surplus and non recyclable solutions to a licensed disposal company.
Contaminated packaging:	Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14 – Transport information

International regulation

UNRTDG Not regulated as a dangerous good.

IATA-DGR Not regulated as a dangerous good.

IMDG-Code Not regulated as a dangerous good.

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

Not applicable for product as supplied.

15 – Regulatory information

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

International Chemical Weapons Convention (CWC): Neither banned nor restricted

Schedules of Toxic Chemicals and Precursors

Law on Chemicals n° 06/2007/QH12 Neither banned nor restricted

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

EINECS (European Union):	On the inventory, or in compliance with the inventory.
SWISS (Switzerland):	On the inventory, or in compliance with the inventory.
TSCA:	On TSCA inventory.
DSL/NDSL (Canada):	This product contains components listed on the Canadian NDSL. All other components are on the Canadian DSL.
AICS (Australia):	Not in compliance with the inventory.
NZIoC (New Zealand):	On the inventory, or in compliance with the inventory.
ENCS (Japan):	On the inventory, or in compliance with the inventory.
ISHL (Japan):	Not in compliance with the inventory.
KECI (Korea):	On the inventory, or in compliance with the inventory.
PICCS (Philippines):	Not in compliance with the inventory.
IECSC (China):	On the inventory, or in compliance with the inventory.
TCSI (Taiwan):	On the inventory, or in compliance with the inventory.

16 – Other Information

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.