The following SDS references the products below:

Absorbent Powder

Vendor Part Number: 015

Manufactured By:

**BASF Corporation** 

Distributed by Kimball Midwest with the KM productidentification number:

<u>83-2826</u>





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# 1. Identification

Product identifier used on the label

# Arctic Gel 1010

**Recommended use of the chemical and restriction on use** Recommended use\*: Absorbent Suitable for use in industrial sector: chemical industry

\* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

# Details of the supplier of the safety data sheet

<u>Company:</u> BASF CORPORATION 100 Park Avenue Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

### **Emergency telephone number**

CHEMTREC: 1-800-424-9300 BASF HOTLINE: 1-800-832-HELP (4357)

### Other means of identification

Chemical family: polyacrylic acid, sodium salt, crosslinked

# 2. Hazards Identification

### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

### **Classification of the product**

Combustible Dust Combustible Dust (1) Combustible Dust

### Label elements

Signal Word: Warning

Hazard Statement:

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May form combustible dust concentration in air.

### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

### According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### **Emergency overview**

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE GASTRIC DISTURBANCES.

### 3. Composition / Information on Ingredients

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

This product does not contain any components classified as hazardous under the referenced regulation.

### According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

CAS Number Trade Secret <u>Content (W/W)</u> >= 95.0 % <u>Chemical name</u> Proprietary acrylic polymer

# 4. First-Aid Measures

### Description of first aid measures

#### **General advice:**

Remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

### If on skin:

Wash thoroughly with soap and water. If irritation develops, seek medical attention.

### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

### If swallowed:

Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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

Symptoms: No significant symptoms are expected due to the non-classification of the product.

# Indication of any immediate medical attention and special treatment needed

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Note to physician Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

# 5. Fire-Fighting Measures

# **Extinguishing media**

Suitable extinguishing media: water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons: carbon dioxide, water jet

Additional information: Avoid whirling up the material/product because of the danger of dust explosion.

# Special hazards arising from the substance or mixture

Hazards during fire-fighting: Burning produces harmful and toxic fumes.

### Advice for fire-fighters

Protective equipment for fire-fighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### Further information:

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

# 6. Accidental release measures

### Further accidental release measures:

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Avoid the formation and build-up of dust - danger of dust explosion. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition.

#### **Personal precautions, protective equipment and emergency procedures** Breathing protection required. Avoid dust formation.

# **Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

# Methods and material for containment and cleaning up

Nonsparking tools should be used.

# 7. Handling and Storage

# Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

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Breathing must be protected when large quantities are decanted without local exhaust ventilation. Avoid the formation and deposition of dust.

Protection against fire and explosion:

Avoid dust formation. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids (2013 Edition) for safe handling.

# Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container dry because product takes up the humidity of air.

Keep container tightly closed and dry; store in a cool place.

The packed product is not damaged by low temperatures or by frost.

The packed product will not be damaged by high temperatures.

# 8. Exposure Controls/Personal Protection

### Advice on system design:

It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

# Personal protective equipment

### **Respiratory protection:**

Breathing protection if dusts are formed.

# Hand protection:

Chemical resistant protective gloves

### Eye protection:

Tightly fitting safety goggles (chemical goggles).

### General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

# 9. Physical and Chemical Properties

Form: Odour: Colour: pH value: glass transition temperature: granules odourless white approx. 6.0 approx. 140 °C

(approx. 101.3 hPa) The substance / product decomposes. The product has not been tested.

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Bulk density:

approx. 700 kg/m3 No decomposition if used as directed. Thermal decomposition: Solubility in water: insoluble, only capable of swelling

# 10. Stability and Reactivity

# Reactivity

Corrosion to metals: No corrosive effect on metal.

Minimum ignition energy:

The product is capable of dust explosion.

### **Chemical stability**

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions. The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid

Avoid humidity.

#### **Incompatible materials** water

# Hazardous decomposition products

Decomposition products: Hazardous decomposition products: carbon monoxide, carbon dioxide, hydrocarbons

Thermal decomposition: No decomposition if used as directed.

# 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

# Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Oral Type of value: LD50 Species: rat Value: > 2,000 mg/kg

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Dermal Type of value: LD50 Species: rat Value: > 2,000 mg/kg

Irritation / corrosion

Assessment of irritating effects: Ingestion may cause irritation of the gastrointestinal tract. Contact with powders or dusts may irritate the eyes, skin and respiratory tract.

Skin Species: rabbit Result: non-irritant Method: OECD Guideline 404

Eve Species: rabbit Result: non-irritant Method: OECD Guideline 405

Sensitization No sensitizing effect.

# **Chronic Toxicity/Effects**

Carcinogenicity

Information on: Superabsorber sodium salt Assessment of carcinogenicity: A chronic (2-year) lifetime inhalation study in rats with respirable superabsorber polymer dust (micronized to < 10  $\mu$ m diameter) resulted in a non-specific inflammatory response in the lungs followed by tumor development in some rats in the highest chronic exposure level of 0.8 mg/m3. In the absence of chronic inflammation, tumours are not expected.

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Other Information The statement was derived from products of similar composition.

# Symptoms of Exposure

No significant symptoms are expected due to the non-classification of the product.

# 12. Ecological Information

# Toxicity

<u>Toxicity to fish</u> LC50 (96 h) > 100 mg/l, Brachydanio rerio (OECD Guideline 203, static)

<u>Aquatic invertebrates</u> EC50 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

<u>Aquatic plants</u> EC50 (72 h) > 100 mg/l, Desmodesmus subspicatus (OECD Guideline 201) Nominal concentration.

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### Soil living organisms

Toxicity to soil dwelling organisms: LC50 > 1,000 mg/kg, Eisenia foetida (OECD Guideline 207)

# Microorganisms/Effect on activated sludge

#### Toxicity to microorganisms

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

### Persistence and degradability

Assessment biodegradation and elimination (H2O) The product is not very soluble in water and can thus be removed from water mechanically in suitable effluent treatment plants.

#### Mobility in soil

<u>Assessment transport between environmental compartments</u> The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is not expected.

### Additional information

The product contains: <= 20 (W/W) PPM total amount of heavy metal as Pb

Add. remarks environm. fate & pathway:

Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

Other ecotoxicological advice:

Do not release untreated into natural waters. The ecotoxic effect of the product has not been tested. The information on this was derived from products of similar structure or composition.

# 13. Disposal considerations

### Waste disposal of substance:

Dispose of in accordance with local authority regulations. Incinerate in a licensed facility. Do not incinerate closed containers. Do not discharge into drains/surface waters/groundwater.

### **Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

# 14. Transport Information

Land transport USDOT

Not classified as a dangerous good under transport regulations

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Not classified as a dangerous good under transport regulations

# Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

# 15. Regulatory Information

# **Federal Regulations**

Registration status: Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories):

Fire (Combustible Dust);

### **NFPA Hazard codes:**

Health : 1 Fire: 1 Reactivity: 0 Special:

# HMIS III rating

Health: 1 Flammability: 1 Physical hazard:0

# 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations SDS Prepared on: 2015/02/17

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO

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# Material Safety Data Sheet

material Gal	ry Bata Onoot	
Issuing Date June 3, 2014	Revision Date N/A	Revision Number 0
	. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	Simply Right Scoopable Cat Litter 42 LB Pail.	
Recommended Use	Pet care.	
Supplier Address NORTHDOWN IND. 1599 HURONTARIO ST. SUITE 300 PORT CREDIT ONTARIO L5G 4S1 CA Phone:416-626-0556 Fax:416-626-9266 Contact: Kari Seguin-Laur Email:seguin@normericainc.com Contact Phone416-620-8384		
	2. HAZARDS IDENTIFICATION	
	Emergency Overview	
	May cause eye irritation	
Appearance Bluish gray	Physical State Granular, Solid.	Odor Pleasant
<u>Potential Health Effects</u> Principle Routes of Exposure	Eye contact. Skin contact.	
Acute Toxicity Eyes Skin Inhalation Ingestion	May cause irritation. No known effect based on information supplied. No known effect based on information supplied. May cause gastrointestinal discomfort if consumed in large amounts.	
Chronic Effects	Bentonite contains naturally occurring crystalline silica. Crystalline silica ( classified by the International Agency for Research on Cancer (IARC) as carcinogen (Group 1).	
Aggravated Medical Conditions	None known.	
Environmental Hazard	See Section 12 for additional Ecological Information.	

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

Chemical Name	CAS-No	Weight %
Clay	1302-78-9	60-100
Fragrance	Proprietary	0-1
Baking Soda	144-55-8	0-1

# 4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically.

# **5. FIRE-FIGHTING MEASURES**

Flammable Properties	Not flammable.
Flash Point	Not determined.
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous Combustion Products	Carbon oxides.
Explosion Data Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<u>NFPA</u>	Health Hazard 0	Flammability 0	Stability 0	Physical and Chemical
				Hazards -

# 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with eyes.
Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Storage

Keep container tightly closed.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	TWA: 1 mg/m <sup>3</sup> respirable fraction		

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Engineering Measures	Showers Eyewash stations Ventilation systems
Personal Protective Equipment Eye/Face Protection Skin and Body Protection Respiratory Protection	No special protective equipment required. No special protective equipment required. No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Odor Threshold pH	Bluish gray. No information available 6	Odor Physical State	Pleasant. Granular Solid
Flash Point Decomposition Temperature Melting Point/Range	No information available. No information available No information available	Autoignition Temperature Boiling Point/Range	No information available No information available
Flammability Limits in Air	No information available	Explosion Limits	No information available
Water Solubility Evaporation Rate Vapor Density Partition Coefficient: n- octanol/water	Insoluble in water. No information available No data available	Solubility Vapor Pressure VOC Content (%)	No information available No data available Not applicable

# **10. STABILITY AND REACTIVITY**

Stability	Stable under recommended storage conditions.
Incompatible Products	None known.
Conditions to Avoid	None known.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

# 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information** 

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Supplier Trade Secret	> 5000 mg/kg (Rat)	-	-

# **Chronic Toxicity**

Chronic Toxicity	Bentonite contains naturally occurring crystalline silica. Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1).
Target Organ Effects	None known.

# **12. ECOLOGICAL INFORMATION**

# Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms Daphnia Magna (Water Flea)
Supplier Trade Secret		LC50: 8.0-19.0 g/L (96 h )	
		Salmo gairdneri	
		LC50: 19000 mg/L (96 h	
		static) Oncorhynchus mykiss	

# **13. DISPOSAL CONSIDERATIONS**

Waste Disposal Methods	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated Packaging	Dispose of in accordance with local regulations.

# 14. TRANSPORT INFORMATION

DOT	NOT REGULATED
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA_	Not regulated
IMDG/IMO	Not regulated

# International Inventories

TSCA DSL

# U.S. Federal Regulations

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Exempt

### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

# CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

# U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

### International Regulations

Mexico - Grade

No information available.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

# WHMIS Hazard Class

Non-controlled

# **16. OTHER INFORMATION**

	16. OTHER INFORMATION
Prepared By	Northdown Industries Inc. 1599 Hurontario Street, Suite 300 Port Credit, ON L5G 4S1
Issuing Date	June 3, 2014
Revision Date	N/A
Revision Note	New specification

#### General Disclaimer

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

End of Safety Data Sheet