



# Safety Data Sheet

Prepared in accordance with GHS standard  
Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June-2019

Page: Page 2 of 6

Impurities and stabilizing additives which are classified and which contribute to the classification of the chemical: **None**  
The chemical name and concentration (i.e., exact percentage) of all ingredients which are classified as health hazards and are present above their cut-off/concentration limits or present a health risk below the cut-off/concentration limits: **None**

All other ingredients are non-hazardous within the current knowledge of the supplier and in the concentrations applicable.

## Section 4: First-aid measures

### Description of First Aid measures

#### General advice

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

#### If inhaled

In the case of respiratory irritation, move to fresh air; consult a physician if symptoms persist.

#### If on skin

In the case of skin irritation, wash off with soap and water; consult a physician if symptoms persist.

#### If in eyes

Remove contact lenses if present, and flush eyes with water for at least 15 minutes; consult a physician if symptoms persist.

#### If swallowed

Do not induce vomiting. Consult a physician if symptoms develop

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

**Inhalation:** May cause respiratory irritation.

**Skin contact:** May cause mechanical irritation.

**Eye contact:** May cause eye irritation.

**Ingestion:** Unknown

Recommendations for immediate medical care and special treatment needed, when necessary: Not applicable

## Section 5: Fire-fighting measures

<b>Flammability:</b>	Slight fire hazard
<b>Extinguishing Media:</b>	Agents approved for Class A hazards (e.g., foam, steam) or water fog.
<b>Fire Fighting:</b>	Move material from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.
<b>Fire-Fighting Equipment:</b>	Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.
<b>Flash Point:</b>	> 600°F (315°C)
<b>Sensitivity to Mechanical Impact:</b>	Not sensitive
<b>Sensitivity to Static Discharge:</b>	Not sensitive
<b>Unusual Fire and Explosion Hazards:</b>	None identified
<b>Hazardous Combustion Products:</b>	Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

## Section 6: Accidental release measures

# Safety Data Sheet

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Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June-2019

Page: Page 3 of 6

Contain and remove by mechanical means.

### Section 7: Handling and Storage

- Handling:** No special requirements.
- Storage:** No special requirements.
- Disposal:** Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

### Section 8: Exposure controls/personal protection

COMPONENT	CAS#	RANGE % BY WT.	EXPOSURE LIMITS
Polypropylene	9003-07-0	98 - 99.9	OSHA TOTAL DUST: 15 mg/m <sup>3</sup> (particulate NOC) OSHA RESPIRABLE DUST: 5 mg/m <sup>3</sup> (Particulate NOC) ACGIH TLV-TWA: 10 mg/m <sup>3</sup> (total dust) (particulate NOC)
Lubricants: Fatty acids and/or esters	Blend	0.2 - 2	No exposure limit established
Additives	Proprietary	0 - 1	No exposure limit established

\*The above-mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**Protective Equipment**

**Eye:** None required; however, use of eye protection is good industrial practice.

**Skin:** None required; however, use of protective gloves/clothing is good industrial practice.

**Inhalation:** None required, however, use of adequate ventilation is good industrial practice.

**Engineering Controls:** Control airborne concentrations below the exposure guidelines.

### Section 9: Physical and chemical properties

- Physical State:** Solid fibrous material
- Odour & Appearance:** White/natural/light gray fibers solid with no odour
- Vapour Pressure:** Not applicable
- Vapour Density:** Not applicable
- Evaporation Rate:** Not applicable
- Boiling Point:** Not applicable
- Melting Point:** 320°F (160°C)
- Specific Gravity (water = 1):** 0.9

# Safety Data Sheet

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Revision date: June-2019

Page: Page 4 of 6

**Solubility in Water:** Negligible, below 0.1%

### Section 10: Stability and reactivity

**Conditions Contributing to Instability:** Stable

**Incompatibility:** None known

**Hazardous Polymerization:** Will not occur

**Reactivity Conditions:** None

**Hazardous Products of Decomposition:** Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

### Section 11: Toxicological information

**Route of Entry:** Inhalation and skin contact

**Skin Contact:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to rubbing sand against the skin..

**Eye Contact:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to getting dust in the eye.

**Inhalation:** No significant irritation expected other than possible mechanical irritation.

**Ingestion:** No significant health hazards identified.

COMPONENT	CAS#	EXPOSURE LIMITS
Polypropylene	9003-07-0	OSHA TOTAL DUST: 15 mg/m <sup>3</sup> (particulate NOC) OSHA RESPIRABLE DUST: 5 mg/m <sup>3</sup> (Particulate NOC) ACGIH TLV-TWA: 10 mg/m <sup>3</sup> (total dust) (particulate NOC)
Lubricants: Fatty acids and/or esters	Blend	No exposure limit established
Additives	Proprietary	No exposure limit established

**OTHER TOXICITY DATA:** Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

### Section 12: Ecological information

- Data from toxicity tests performed on aquatic and/or terrestrial organisms, where available (e.g., acute or chronic aquatic toxicity data for fish, algae, crustaceans, and other plants; toxicity data on birds, bees, plants): **Not available**
- Whether there is a potential for the chemical to persist and degrade in the environment either through biodegradation or other processes, such as oxidation or hydrolysis: **Unknown.**
- **This material is generally considered to be essentially nonbiodegradable.**

# Safety Data Sheet

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Revision date: June-2019

Page: Page 5 of 6

- Results of tests of bioaccumulation potential, referring to the octanol-water partition coefficient (Kow) and the bioconcentration factor (BCF), where available: **Not available**
- The potential for a substance to move from the soil to the groundwater (indicate results from adsorption studies or leaching studies): **Unlikely**
- Other adverse effects (e.g., environmental fate, ozone layer depletion potential, photochemical ozone creation potential, endocrine disrupting potential, and/or global warming potential): **Unknown**

## Section 13: Disposal considerations

- Description of appropriate disposal containers to use: **Standard disposal containers are acceptable.**
- Recommendations of appropriate disposal methods to employ: **Dispose of in accordance with governmental regulations for non-hazardous solid waste.**
- Description of the physical and chemical properties that may affect disposal activities: **None known**
- Language discouraging sewage disposal: **Disposable via septic or sewage systems is not recommended.**
- Any special precautions for landfills or incineration activities: **None known**
- **Recycling of packaging materials is encouraged where possible**

## Section 14: Transport Information (non-mandatory) Section 14: Transport information

- UN number (i.e., four-figure identification number of the substance): **None**
- UN proper shipping name: **Not applicable**
- Transport hazard class(es): **Not applicable**
- Packing group number, if applicable, based on the degree of hazard: **Not applicable**
- Environmental hazards (e.g., identify if it is a marine pollutant according to the International Maritime Dangerous Goods Code (IMDG Code)): **None known**
- Guidance on transport in bulk (according to Annex II of MARPOL 73/78 and the International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code (IBC Code))): **Not applicable**

## Section 15: Regulatory information

**CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4):** This product is not reportable under 40 CFR Part 302.4

**SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355):** This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

**SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370):** This product is not regulated under SARA Title III Section 311/312.

**SARA TITLE III SECTION 313 (40 CFR Part 372):** This product is not regulated under Section 313 of SARA and 40 CFR Part 372.

### CANADIAN REGULATIONS:

**CONTROLLED PRODUCTS REGULATIONS (CPR):** This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR), as non-regulated and the MSDS contains all the information required by CPR.

**WHMIS CLASSIFICATION:** Not a Controlled Product under Canada's Workplace Hazardous Materials Information System.

## Section 16: Other information

### HMIS Classification

- The hazard classification of the chemical (e.g., flammable liquid, category): **Not**
- Signal word: **Not applicable**

Health	*	3
Flammability		0
Physical Hazard		0
Personal Protection		X

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Page: Page 6 of 6

- Hazard statement(s): **Not applicable**
- Pictograms (the pictograms or hazard symbols may be presented as graphical reproductions of the symbols in black and white or be a description of the name of the symbol (e.g., skull and crossbones, flame): **Not applicable**
- Precautionary statement(s): **Not applicable**
- Description of any hazards not otherwise classified: **None known**
- For a mixture that contains an ingredient(s) with unknown toxicity, a statement describing how much (percentage) of the mixture consists of ingredient(s) with unknown acute toxicity. Please note that this is a total percentage of the mixture and not tied to the individual ingredient(s): **Not applicable Hazardous ingredients**

**Caution:** HMIS<sup>®</sup> rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS<sup>®</sup> rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS<sup>®</sup> rating is to be used with a fully implemented HMIS<sup>®</sup> program. HMIS<sup>®</sup> is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS<sup>®</sup> attempts to convey full health warning information to all employees.

#### Notice to reader

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