

# SAFETY DATA SHEET

## Pomponazzi Living Coat 100ml

According to the UN GHS revision 8

Version 1.4  
Creation Date: December 15th, 2020  
Revision Date: January 25<sup>th</sup>, 2023

### SECTION 1: IDENTIFICATION

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#### 1.1 PRODUCT IDENTIFIER USED ON THE LABEL

- 1) Commercial Product Name: Pomponazzi Living Coat 100ml
- 2) GHS Product Identifier: SYNTHETIC SILICA GEL

#### 1.2 OTHER MEANS OF IDENTIFICATION

- 1) CAS number: Blend
- 2) EC number: Blend
- 3) Other names: N.A.

#### 1.3 RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

- 1) Recommended Use:  
Synthetic silica gel based chemical product for coating and maintenance, used in wood, leather, metal, and antique.
- 2) Uses advised against: N.A.

#### 1.4 SUPPLIER INFORMATION

- 1) Manufacturer: Challengers Corporation
- 2) Address: Unit 812, Blg. A, 58-1, Giheung-ro, Yongin-si, Republic of Korea 16976
- 3) Phone Number: +82)10-8321-2640
- 4) Contact Person (E-mail): pomponazzi.homenlife@gmail.com

#### 1.5 EMERGENCY NUMBER:

- 1) +82)10-8321-2640

#### 1.6 SERVICE HOURS:

- 1) 24 hrs.

### SECTION 2: HAZARDS IDENTIFICATION

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#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

- 1) Not classified

#### 2.2 GHS CLASSIFICATION

- 1) Physical Hazards: Not classified
- 2) Health Hazards: Not classified
- 3) Environmental Hazards: Not classified
- 4) GHS label elements, including precautionary statements:
  - a. Hazard Pictograms: No Symbol Used  
(for GHS07, GHS09)
  - b. Signal Word: GHS07: Warning,  
GHS09: No Signal Word Used
  - c. Hazard Statement:
    - i. H316 Causes mild skin irritation.
    - ii. H320 Causes eye irritation.
    - iii. H413 May Cause long lasting harmful effects to aquatic life.
  - d. Precautionary Statements:
    - i. P273 Avoid release to the environment.
    - ii. P305+P351 IF IN EYES: Rinse cautiously with water for several minutes.
    - iii. P302 + P352 IF ON SKIN: wash with plenty of water.
    - iv. P301 + P330 IF SWALLOWED: Rinse mouth.

## 2.3 DESCRIPTION OF OTHER HAZARDS THAT ARE NOT CLASSIFIED

- 1) N.D.

## 2.4 OSHA HAZARD COMMUNICATION STANDARD:

- 1) OSHA Regulated: No
- 2) HMIS Ratings (scale: 0-4):
  - a. Health: 1
  - b. Flammability: 0
  - c. Reactivity: 0
  - d. Personal Protection (scale: A-Z): B
- 3) Potential Health Effect
  - a. Inhalation: N.A.
  - b. Ingestion: Irritant
  - c. Eye (Optical Contact): Possibly Irritant
  - d. Skin (Dermal Contact): Possibly Irritant

## 2.5 EMERGENCY OVERVIEW

- 1) Appearance: Liquid
- 2) Odor: Odorless
- 3) Listed carcinogen  
NTP: N.A.  
IARC Monograph: N.A.  
GHS Health Category: N.A.

(※ **SHORT/LONG TERM & OVER EXPOSURE EFFECTS ARE MAJORLY RELATED TO THE PRODUCT'S SOLID STATE.**)

- 4) **\*Short/Long Term Exposure:** Particles in its solid state may be irritating to skin, eyes, or mucous membranes. **INHALATION:** Inhalation of dusts may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, with chest pain and coughing. Headache, nausea, vomiting, dizziness, and drowsiness may occur. **EYES:** May cause slight irritation experienced as discomfort, excess tear production, with possible redness and slight swelling of the conjunctiva. **SKIN:** Brief contact may cause slight irritation with itching and local redness. **SWALLOWING:** In rare cases, may cause headache, dizziness, nausea, vomiting, diarrhea, and general weakness.
- 5) **\*Over Exposure Effects:** *This product contains synthetic amorphous silica, not to be confused with crystalline silica such as quartz, cristobalite or tridymite or with diatomaceous earth or other naturally occurring forms of amorphous silica that frequently contain crystalline forms.* **Inhalation:** May cause dryness and irritation to mucous membranes, nose, and throat. Symptoms may include coughing, sore throat, and wheezing. **Ingestion:** No adverse effects expected. **Skin Contact:** May cause irritation with dryness and abrasion. **Eye Contact:** May cause irritation and redness. **Chronic Exposure:** Repeated exposure may cause symptoms similar to those listed for acute effects. Synthetic amorphous silica does not produce silicosis. **Aggravation of Pre-existing Conditions:** No information found.

## 2.5 OTHER HAZARDS:

- 1) None Known

## 2.6 OTHER INFORMATION:

- 1) **No hazard is known in the liquid state.**
- 2) Hazards and symptoms mentioned for inhalation are only for solid state. The amount of time it takes for natural change of state from liquid to solid is not known. It is nearly impossible to change its state, unless deliberately experimented in laboratories.

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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## 3.1 CHEMICAL NAME:

- 1) Mixture/Blend
- 2) Main Ingredient: Synthetic Silica Gel

## 3.2 COMMON NAME AND SYNONYMS

- 1) Synthetic Silica Gel: H<sub>2</sub>O<sub>3</sub>Si
- 2) Water: H<sub>2</sub>O
- 3) Others: Patented

### 3.3 COMPOSITION/CONCENTRATION/UNIQUE IDENTIFIERS/PEL

\*Table 1

INGREDIENT	CONCENTRATION	CAS#	EC#	PEL
Synthetic Silica Gel	≥75%	63231-67-4	613-187-4	Silica (synthetic, amorphous): OSHA PEL - 90% SiO <sub>2</sub> mg/m <sup>3</sup> TWA for amorphous silica, including natural diatomaceous earth. ACGIH TLV - 10 mg/m <sup>3</sup> TWA for amorphous precipitated silica and amorphous silica gel.
Water	≤10%	7732-18-5	231-791-2	
Secret Patented material	≥15%	N.A.	N.A.	

### 3.4 IMPURITIES AND STABILIZING ADDITIVES:

- 1) Refer to Table 1 of 3.3

### 3.5 CHEMICAL NAME AND CONCENTRATION:

- 1) Refer to Table 1 of 3.3

### 3.6 CONCENTRATION LIMITS:

- 1) Refer to Table 1 of 3.3

### 3.7 ADDITIONAL INFORMATION:

- 1) The criteria for listing components in the composition section are as follows: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Non-hazardous components may be listed at 3.0% or greater if not proprietary in nature. This is not intended to be complete compositional disclosure. Refer to section 14 for applicable states right to know and other regulatory information.

## SECTION 4: FIRST-AID MEASURES

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### 4.1 FIRST AID:

- 1) **GENERAL INFORMATION: DO NOT PANIC! THE PRODUCT AND ITS SUBSTANCE ARE NOT HAZARDOUS. CONTENTS OF THE FIRST AID LISTED BELOW ARE TO PREVENT RARE OCCASIONS THAT NORMALLY RESULT IN MINOR IRRITATION.**

### 4.2 DESCRIPTION OF NECESSARY MEASURES

- 1) **Skin contact:** Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes).
- 2) **Eye contact:** Flush eyes immediately with large amounts of water or normal saline solution, occasionally lifting upper and lower lids until no evidence of chemical remains (at least 15-20 minutes).
- 3) **Ingestion:** Give large amounts of fresh water or milk immediately. Do not give anything by mouth if person is unconscious or otherwise unable to swallow. If vomiting occurs, keep head below hips to prevent aspiration. Treat symptomatically and supportively.
- 4) **Inhalation:** Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial resuscitation. Keep person warm and at rest. Treat symptomatically and supportively.

### 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

- 1) Refer to 2.5 EMERGENCY OVERVIEW

### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT

- 1) **Skin contact:** Get medical attention immediately.
- 2) **Eye contact:** Get medical attention immediately.
- 3) **Ingestion:** Get medical attention immediately.
- 4) **Inhalation:** Seek medical attention immediately. Qualified medical personnel should consider administering oxygen.

## SECTION 5: FIRE-FIGHTING MEASURES

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### 5.1 SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA

- 1) Extinguishing media: Determined by surrounding material. Water fog, spray, or foam.
- 2) Unsuitable extinguishing media: N.A.

## 5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

- 1) **None Known**
- 2) **Unusual fire hazards:** None Known
- 3) **Explosion hazards:** None Known
- 4) **Flashpoint:** Non-flammable Liquid
- 5) **Lower flame limit:** N.A.
- 6) **Higher flame limit:** N.A.

## 5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

- 1) **Fire-fighting equipment:** Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

## 5.4 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP.

- 1) **Methods:** Wear impervious gloves to clean.
- 2) **Materials:** PET bottle is used to contain.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

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## 6.1 CHEMICAL EMERGENCY NUMBER

- 1) **Telephone:** +82)10-8321-2640
- 2) **E-mail:** pomponazzi.homenlife@gmail.com
- 3) **Service hours:** 24 hours.

## 6.2 SPILL

- 1) In case of spillage, sweep up as much product as possible and place in appropriate container for disposal. Dilute and rinse remaining residue with water to sewer if allowed by local and state regulations. If unable to wash product with water, remaining residue should be vacuumed and disposed of in accordance with applicable regulations.

## 6.3 RCRA STATUS

- 1) None

# SECTION 7: HANDLING AND STORAGE

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## GENERAL CONSIDERATIONS:

- 1) HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE AND PROMPT REMOVAL OF MATERIAL FROM EYES, SKIN, AND CLOTHING. PRECAUTIONS FOR SAFE HANDLING.

## 7.1 HANDLING AND STORAGE:

- 1) No special storage requirements.
- 2) Do not store above 120° F or in areas of high humidity.

## 7.2 PRECAUTIONARY MEASURES:

- 1) Do not get in eyes, on skin, or on clothing. Do not breathe dust or vapors. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first-aid action shown in Section 4. Use a vapor / particulate respirator that respirator supplier recommends as effective for this product. Carefully follow directions for respirator use.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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## GENERAL CONSIDERATIONS:

- 1) Consider the potential hazards of this material (see section 2), applicable exposure limits, job activities, and other substances in the workplace when designing engineering controls and selecting personal protective equipment.

## 8.1 EYE PROTECTION

- 1) Use chemical safety goggles meeting the specifications of OSHA 29CFR 1910.133 / ANSI Standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes. Wear safety glasses meeting the specifications of OSHA 29CFR 1910.133 / ANSI Standard Z87.1 where no contact with the eye is anticipated.

## 8.2 RESPIRATORY PROTECTION

- 1) Not normally needed. Use NIOSH approved vapor respirator if exposure is unknown or exceeds permissible limits. A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.
- 2) **Respiratory Protection Notes:** Use NIOSH / MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH / MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

## 8.3 PROTECTIVE GLOVES

- 1) Not normally needed. Wear impervious gloves.

## 8.4 VENTILATION

- 1) Local exhaust
- 2) **Ventilation Notes:** Use NIOSH / MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH / MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

## 8.5 MECHANICAL EXHAUST

- 1) Desired in closed places

## 8.6 LOCAL EXHAUST

- 1) Recommended

## 8.7 THRESHOLD LIMIT VALUE

- 1) **Silica (synthetic, amorphous):** OSHA PEL - 80% SiO<sub>2</sub> mg/m<sup>3</sup> TWA for amorphous silica, including natural diatomaceous earth. ACGIH TLV - 10 mg/m<sup>3</sup> TWA for amorphous precipitated silica and amorphous silica gel.

## 8.8 PROTECTIVE EQUIPMENT

- 1) **HMIS PERSONAL PROTECTION B:** Safety Glasses, Safety Gloves.
- 2) The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

# SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

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## 9.1 APPEARANCE

- 1) Physical state: Liquid
- 2) Color: Transparent

## 9.2 ODOR

- 1) Odorless

## 9.3 ODOR THRESHOLD

- 1) N.A.

## 9.4 pH:

- 1) 3 – 8 (in 5% slurry)

## 9.5 MELTING POINT/FREEZING POINT

- 1) Melting point: 4046°F
- 2) Freezing point: < 0° F

## 9.6 INITIAL BOILING POINT AND BOILING RANGE

- 1) Initial boiling point: 4046°F
- 2) Boiling range: ≥4046°F

## 9.7 FLASH POINT

- 1) N.A.

## 9.8 EVAPORATION RATE

- 1) N.A.

## 9.9 FLAMMABILITY (SOLID, GAS)

- 1) Non-flammable liquid

## 9.10 UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS

- 1) N.A.

## 9.11 VAPOR PRESSURE

- 1) N.A.

## 9.12 VAPOR DENSITY

(Air=1)

- 1) N.A.

## 9.13 RELATIVE DENSITY

- 1) N.A.

## 9.14 SOLUBILITY

- 1) Negligible (< 0.1%)

## 9.15 AUTO-IGNITION TEMPERATURE

- 1) N.A.

## 9.16 DECOMPOSITION TEMPERATURE

- 1) N.A.

## 9.17 VISCOSITY

- 1) N.A.

## SECTION 10: STABILITY AND REACTIVITY

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### 10.1 REACTIVITY

- |                                      |                |
|--------------------------------------|----------------|
| 1) Hazardous reaction:               | Will Not Occur |
| 2) Polymerization:                   | Will Not Occur |
| 3) Polymerization avoid:             | Will Not Occur |
| 4) Incompatible material:            | None           |
| 5) Hazardous decomposition material: | None           |

### 10.2 CHEMICAL STABILITY

- 1) Stable

### 10.4 CONDITIONS TO AVOID (E.G., STATIC DISCHARGE, SHOCK, OR VIBRATION)

- |                      |      |
|----------------------|------|
| 1) Static discharge: | N.A. |
| 2) Shock:            | N.A. |
| 3) Vibration:        | N.A. |
| 4) Others:           | N.A. |

## SECTION 11: TOXICOLOGICAL INFORMATION

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### GENERAL CONSIDERATION:

- 1) All the information is based on the data from information supplied by raw material(s) supplier(s). Also, all necessary information is mentioned on the upper part of this SDS.

### 11.1 INFORMATION ON THE LIKELY ROUTES OF EXPOSURE

- 1) Not Known

## 11.2 SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Refer to 2.4. Emergency Overview, 4.1. First Aid, and Section 8 Exposure Controls/Personal Protection of this SDS.

- 1) **Eye effect:** The eye irritation hazard is based on data from information supplied by raw material(s) supplier(s).
- 2) **Skin effect:** The skin irritation hazard is based on data from information supplied by raw material(s) supplier(s).
- 3) **Acute oral effects:** The acute oral toxicity is based on data from information supplied by raw material(s) supplier(s).
- 4) **Acute inhalation effects:** The respiratory toxicity is based on data from information supplied by raw material(s) supplier(s).

## 11.3 DELAYED/IMMEDIATE EFFECTS & CHRONIC EFFECTS FROM SHORT- AND LONG-TERM EXPOSURE

- 1) Refer to 2.4. Emergency Overview, 4.1. First Aid, and Section 8 Exposure Controls/Personal Protection of this SDS.

## 11.5 GENERAL INFORMATION OF TOXICITY / LISTED CARCINOGEN

- 2) NTP listed: No
- 3) Acute toxicity estimates: N.A.

## SECTION 12: ECOLOGICAL INFORMATION

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### GENERAL INFORMATION:

- 1) Data from laboratory studies and from scientific literature is noted below if available.

### 12.1 ECOTOXICITY (AQUATIC AND TERRESTRIAL, WHERE AVAILABLE)

*The product does not contain any toxicity but may last for a long time in the environment for its insolubility.*

- 1) Aquatic: N.A.
- 2) Terrestrial: N.A.
- 3) \*Aquatic lives: There is no known toxicity or hazard for marine organisms.

### 12.2 PERSISTENCE AND DEGRADABILITY

- 1) N.A.

### 12.3 BIOACCUMULATIVE POTENTIAL

- 2) No

### 12.4 MOBILITY IN SOIL

- 3) N.D.

### 12.5 OTHER ADVERSE EFFECTS (SUCH AS HAZARDOUS TO THE OZONE LAYER)

- 1) N.A.

## SECTION 13: DISPOSAL CONSIDERATION

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### 13.1 WASTE DISPOSAL:

- 1) Treatment, storage, transportation, and disposal must be in accordance with Federal, State/Provincial and Local Regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

## SECTION 14: TRANSPORTATION INFORMATION

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### GENERAL INFORMATION:

- 1) The data provided in this section is for information only. The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate regulations to properly classify your shipment for transportation.

#### 14.1 UN number:

- 2) None
- 3) NA number: None

#### 14.2 UN PROPER SHIPPING NAME:

- 1) DOT NON-REGULATED-SILICA-GEL

#### 14.3 TRANSPORT HAZARD CLASS AND LABEL

- 1) NON-REGULATED

#### 14.4 ENVIRONMENTAL HAZARDS

- 1) No

#### 14.5 REPORTABLE QUANTITY

- 1) None

#### 14.6 PACKAGING SIZE

- 1) 40#Pail (May vary each time)

## SECTION 15: REGULATORY INFORMATION

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### 15.1 SARA 311 CATEGORIES:

- |                                    |            |
|------------------------------------|------------|
| 2) EPA ACUTE:                      | Yes (Eyes) |
| 3) EPA CHRONIC:                    | No         |
| 4) EPA IGNITABILITY:               | No         |
| 5) EPA SUDDEN RELEASE OF PRESSURE: | No         |
| 6) CERCLA RQ VALUE:                | None       |
| 7) SARA TPQ:                       | None       |
| 8) SARA RQ:                        | None       |
| 9) EPA HAZARD WASTE#:              | None       |
| 10) CLEAN AIR:                     | N.A.       |
| 11) CLEAN WATER:                   | N.A.       |
| 12) SARA SECTION 313:              | No         |

### 15.2 NFPA

- |                        |   |
|------------------------|---|
| 13) NFPA HEALTH:       | 1 |
| 14) NFPA FLAMMABILITY: | 0 |
| 15) NFPA REACTIVITY:   | 0 |

### 15.3 DEA

- |                                   |    |
|-----------------------------------|----|
| 16) DEA CHEMICAL TRAFFICKING ACT: | No |
|-----------------------------------|----|

### 15.4 TSCA

- |                  |   |
|------------------|---|
| 17) TSCA STATUS: | All ingredients in this product are on the TSCA Inventory List. |
|------------------|---|

## SECTION 16: OTHER INFORMATION

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### 16.1 FOOT NOTES

- |             |                       |
|-------------|-----------------------|
| 1) N.A.:    | NOT APPLICABLE        |
| 2) N.D.:    | NO DATA AVAILABLE     |
| 3) $\geq$ : | EQUAL OR GREATER THAN |
| 4) $\leq$ : | EQUAL OR LESS THAN    |



## 16.2 PREPARATION

- 1) Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Company Health and Risk Assessment Unit, PO Box 1519, Gretna, LA 70054-1519.

## 16.3 REVISION STATEMENT

Changes have been made throughout this Material Safety Data Sheet. Please read the entire document.

- |                       |                                   |
|-----------------------|-----------------------------------|
| 1) CREATED DATE:      | December 15th, 2020 – version 1.0 |
| 2) EFFECTIVE DATE:    | January 25th, 2023 – version 1.4  |
| 3) LAST REVISED DATE: | January 25th, 2023 – version 1.4  |

## 16.4 DISCLAIMER

- 1) Although the information and recommendations set forth herein (hereinafter “Information”) are presented in good faith and believed to be correct as of the date hereof, the Company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving this SDS will make their own determination as to its suitability for their intended purposes prior to use. Since the product is within the exclusive control of the user, it is the user’s obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal Regulations concerning the Product. It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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