MATERIAL SAFETY DATA SHEET

MSDS 0258

## Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
Odorgon Powder

PRODUCT CODES
68512, 68514

CHEMICAL FAMILY:
Inorganic

USE
Deodorizer & Fuel Oil Absorber

MANUFACTURER'S NAME
The RectorSeal Corporation
2601 Spenwick Drive
Houston, Texas 77055 USA

DATE OF VALIDATION
August 16, 2012

DATE OF PREPARATION
August 16, 2012

HMIS CODES

| | |
|---|---|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| PPI | B |

EMERGENCY TELEPHONE NO.
Chemtrec 24 Hours
(800)424-9300 USA
(703)527-3887 International

TECHNICAL SERVICE TELEPHONE NO.
(800)231-3345 or (713)263-8001

## Section 2 -- HAZARDS IDENTIFICATION

GHS CLASSIFICATION
PHYSICAL HAZARDS: None
HEALTH HAZARDS
Acute Toxicity:
Oral: Not Classified
Dermal: Not Classified
Inhalation: Not Classified
Skin Corrosion/Irritation: Not Classified
Serious Eye Damage/Eye Irritation: Not Classified
Respiratory or Skin Sensitization: Not Classified
Germ Cell Mutagenicity: Not Classified
Carcinogenicity: Not Classified
Reproductive Toxicology: Not Classified
Target Organ Systemic Toxicity - Single Exposure: Not Classified
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified
Aspiration Toxicity: Not Classified

---

GHS Label elements, including precautionary statements
Pictogram: None
Signal Word: None
Hazard Statements: None
Precautionary Statements:
P102 - Keep out of reach of children.
P264 - Wash hands thoroughly after handling.

---

SUMMARY OF ACUTE HAZARDS
Repeated inhalation may cause respiratory irritation. Avoid inhaling powder.
ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION
Dust may cause irritation to lungs and respiratory tract. Avoid inhaling powder.
EYE CONTACT
Contact may cause eye irritation.
SKIN CONTACT
None known.
INGESTION
May cause irritation of the digestive tract.
SUMMARY OF CHRONIC HAZARDS
None known.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Individuals with pre-existing or chronic diseases of the eyes and respiratory system may have increased susceptibility to excessive exposure.

## Section 3 -- COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Silica
PERCENTAGE BY WEIGHT: 39.9
CAS#: 8031-18-3
EC#: Unlisted

---

INGREDIENT: Amorphous Silica
PERCENTAGE BY WEIGHT: 9.98
CAS#: 7631-86-9
EC#: 231-545-4

---

INGREDIENT: Silicon Dioxide
PERCENTAGE BY WEIGHT: 49.87
CAS#: 7631-86-9
EC#: 231-545-4

## Section 4 -- FIRST AID MEASURES

| | |
|---|---|
| If INHALED: | Remove to fresh air; administer oxygen, or artificial respiration if needed. Seek immediate medical attention. |
| If on SKIN: | Wash with soap and water. |
| If in EYES: | Immediately flush with large amounts of water. If irritation occurs, seek medical attention. |
| If SWALLOWED: | If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. |

## Section 5 -- FIRE FIGHTING MEASURES

EXTINGUSING MEDIA
Non-combustible. Use agents appropriate for surrounding fires.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

## Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up to prevent footing hazard.

## Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in dry place.
OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

## Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

| INGREDIENT | | UNITS |
|---|---|---|
| Silica | | |
| | ACGIH TLV | 10 mg/m3 |
| | OSHA PEL | 6 mg/m3 |
| Amorphous Silica | | |
| | ACGIH TLV | 10 mg/m3 |
| | OSHA PEL | 6 mg/m3 |
| Silicon Dioxide | | |
| | ACGIH TLV | 30 mg/m3 |
| | OSHA PEL | 0.1 mg/m3 |

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.
VENTILATION - LOCAL EXHAUST: N/A
SPECIAL: N/A
MECHANICAL (GENERAL): N/A
OTHER: N/A
PROTECTIVE GLOVES: N/A
EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.
WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

## Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| BOILING POINT: | N/A |
| SPECIFIC GRAVITY (H20 = 1): | Solid |
| VAPOR PRESSURE (mm Hg): | N/A |
| MELTING POINT: | N/A |
| VAPOR DENSITY (AIR = 1): | N/A |
| EVAPORATION RATE (ETHYL ACETATE = 1): | N/A |
| APPEARANCE/ODOR: | Powder / Mild Odor |
| SOLUBILITY IN WATER: | Insoluble |
| FLASH POINT | None |
| LOWER EXPLOSION LIMIT | N/D |
| UPPER EXPLOSION LIMIT | N/D |
| VOLATILE ORGANIC COMPOUNDS(VOC)Content (Theoretical Percentage By Weight): | 0% or (0 g/L) |

## Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None known.
INCOMPATIBILITY (MATERIALS TO AVOID): None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: Will not occur.

## Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

---

TOXICOLOGY DATA

Ingredient Name

---

Silica

Oral-Rat LD50:N/D

Inhalation-Rat LC50:N/D

Amorphous Silica

Oral-Rat LD50:3160 mg/kg

Inhalation-Rat TCLo:50 mg/m3/6H/2Y-I

Silicon Dioxide

Intraperitoneal-Rat LDLo:400 mg/kg

Inhalation-Rat LC50:N/D

==========

## Section 12 -- Ecological Information

---

ECOLOGICAL DATA

Ingredient Name

---

| | | |
|---|---|---|
| Silica | | |
| | Food Chain Concentration Potential | N/D |
| | WATERFOWL TOXICITY | N/D |
| | BOD | N/D |
| | AQUATIC TOXICITY | N/D |
| Amorphous Silica | | |
| | Food Chain Concentration Potential | N/D |
| | WATERFOWL TOXICITY | N/D |
| | BOD | N/D |
| | AQUATIC TOXICITY | N/D |
| Silicon Dioxide | | |
| | Food Chain Concentration Potential | N/D |
| | WATERFOWL TOXICITY | N/D |
| | BOD | N/D |
| | AQUATIC TOXICITY | N/D |

==========

## Section 13 -- DISPOSAL CONSIDERATIONS

---

Waste Classification: Non-regulated solid waste

Disposal Method: Approved landfill

Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

==========

## Section 14 -- TRANSPORTATION INFORMATION

---

DOT: Non-Regulated

OCEAN (IMDG): Non-Regulated

AIR (IATA): Non-Regulated

WHMIS (CANADA): Non-Regulated

==========

## Section 15 -- REGULATORY INFORMATION

---

REGULATORY DATA

Ingredient Name

---

Silica

| | |
|---|---|
| SARA 313 | N/A |
| TSCA Inventory | Yes |
| CERCLA RQ | N/A |
| RCRA Code | N/A |

Amorphous Silica

| | |
|---|---|
| SARA 313 | N/A |
| TSCA Inventory | Yes |
| CERCLA RQ | N/A |
| RCRA Code | N/A |

Silicon Dioxide

| | |
|---|---|
| SARA 313 | N/A |
| TSCA Inventory | Yes |
| CERCLA RQ | N/A |
| RCRA Code | N/A |

## Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001