

Safety Data
Sheet**AMBRANDS****Section 1: Identification****Product identifier****Product Name**

- **AMDRO® Gopher Gasser**

Synonyms

- 100508233; EPA Reg. No.: 73342-8; UPC # 8-13576-00860-4

Product Description

- Grey powder with black pellets in a solid cartridge.

Relevant identified uses of the substance or mixture and uses advised against**Recommended use**

- Pesticide

Restrictions on use

- Avoid contact with skin and eyes. Keep out of the reach of children. For outdoor use only. Pesticide use only in underground gopher tunnels.

Details of the supplier of the safety data sheet**Manufacturer**

- Ambrands
1000 Parkwood Circle, Suite 700
Atlanta, GA 30339
United States
www.amdro.com

Emergency telephone number**Manufacturer**

- 1-800-265-0761 - Ambrands

Manufacturer

- 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation) • 1-703-527-3887 - Chemtrec US collect calls accepted

Section 2: Hazard Identification**United States (US)**

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture**OSHA HCS 2012**

- Eye Mild Irritation 2B - H320
Oxidizing Solids 1 - H271
Skin Irritation 2 - H315
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335

Label elements**OSHA HCS 2012****DANGER**

- Hazard statements**
- Causes skin irritation - H315
 - Eye Mild Irritation 2B - H320
 - May cause fire or explosion; strong oxidizer - H271
 - May cause respiratory irritation - H335

Precautionary statements

- Prevention**
- Keep away from heat. - P210
 - Keep/Store away from clothing and other combustible materials. - P220
 - Take any precaution to avoid mixing with combustibles - P221
 - Use only outdoors or in a well-ventilated area. - P271
 - Wash thoroughly after handling. - P264
 - Wear flame resistant clothing. - P283
 - Wear protective gloves/protective clothing/eye protection/face protection. - P280
 - Wear protective gloves.
 - Avoid breathing dust, fume, gas, mist, vapors and/or spray. - P261
- Response**
- IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. - P304+P340
 - Call a POISON CENTER or doctor/physician if you feel unwell. - P312
 - IF ON SKIN: Wash with plenty of soap and water. - P302+P352
 - Specific treatment is urgent, see supplemental first aid information. - P320
 - If skin irritation occurs: Get medical advice/attention. - P332+P313
 - Take off contaminated clothing and wash before reuse. - P362
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
 - If eye irritation persists: Get medical advice/attention. - P337+P313
 - IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. - P306+P360
 - In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. - P371+P380+P375
 - In case of fire: Use appropriate media for extinction. - P370+P378
- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

Other hazards

OSHA HCS 2012

- This product is highly toxic to wildlife.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Mixtures

Composition		
Chemical Name	Identifiers	%
Sulfur	CAS:7704-34-9	45%
Potassium nitrate	CAS:7757-79-1	45%
Other ingredients	NDA	10%

Section 4: First-Aid Measures

Description of first aid measures

- Inhalation**
- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- Skin**
- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
- Eye**
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- No data available

Most important symptoms and effects, both acute and delayed

- Skin irritation; eye irritation; upper respiratory tract irritation. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

- Notes to Physician**
- Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Extinguishing media

- Suitable Extinguishing Media**
- LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO₂, water spray or regular foam.

- Unsuitable Extinguishing Media**
- Avoid heavy hose streams.

- Firefighting Procedures**
- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. Ventilate closed spaces before entering. Eliminate ignition sources. Products of combustion from fires involving this material may be toxic. Avoid breathing smoke and mists. Minimize the amount of water used for fire fighting. Do not allow fire fighting water to escape into waterways or sewers. Stay upwind.

Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- Once ignited by the fuse, this cartridge will burn vigorously until completely spent and is capable of causing severe burns to exposed skin and clothes, and of igniting dry grass, leaves and other combustible materials. May re-ignite after fire is extinguished.

- Hazardous Combustion Products**
- Decomposes upon heating to produce toxic gases including sulfur oxides.

Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA). Do not allow run-off to enter waterways.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- Avoid breathing fumes. Avoid contact with skin, eyes, and clothing. Contact may irritate or burn skin and eyes. Stay upwind. Use appropriate Personal Protective Equipment (PPE)

- Emergency Procedures**
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Stay upwind.

Environmental precautions

- This product is highly toxic to wildlife.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- All equipment used when handling the product must be grounded.
LARGE SPILLS: Cover powder spill with plastic sheet or tarp to minimize spreading.
LARGE SPILLS: Dike far ahead of spill for later disposal.
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- All equipment used when handling the product must be grounded. Do not use or store near heat or open flame. Avoid breathing fumes. Avoid contact with skin or eyes. Avoid release to the environment. Wear appropriate personal protective equipment, avoid direct contact.

Conditions for safe storage, including any incompatibilities

Storage

- Keep only in original container. Keep out of reach of children. Store container away from pets. Store in cool, dry, secure place.

Incompatible Materials or Ignition Sources

- Keep away from combustible and flammable materials.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- No data available.

Exposure controls

Engineering

Measures/Controls

- No data available

Personal Protective Equipment

Pictograms



Respiratory

- Not required with normal use.

Eye/Face

- Wear safety glasses.

Hands

- Wear appropriate gloves.

Skin/Body

- Wear flame resistant clothing.

Thermal hazards

- No data available.

Environmental Exposure Controls

- Avoid release to the environment.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description

Physical Form	Solid	Appearance/Description	Grey powder with black pellets contained in a solid cartridge.
Color	Grey	Odor	None
Odor Threshold	No data available		

General Properties

Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	No data available	Water Solubility	Not soluble
Viscosity	Not relevant	Oxidizing Properties:	Strong oxidizer. Once ignited by the fuse, this cartridge will burn vigorously until completely spent and is capable of causing severe burns to exposed skin and clothes, and of igniting dry grass, leaves and other combustible materials.
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Requires source of ignition.		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- Product is ignitable - requires ignition source.

Chemical stability

- Stable under normal temperature and storage conditions.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Excessive heat >110°F. Direct sunlight.

Incompatible materials

- Combustibles, heat, reducing agents and easily oxidizable materials.

Hazardous decomposition products

- Decomposes upon heating to produce toxic gases including sulfur oxides.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Potassium nitrate (45%)	7757-79-1	Acute Toxicity: Ingestion/Oral-Rat LD50 • 3750 mg/kg

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met

Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Not classified - data lacking
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Mild Irritation 2B

Potential Health Effects

Inhalation

- Acute (Immediate)**
- Under normal conditions of use, no health effects are expected however if inhaled once product is ignited, may cause respiratory irritation. May be harmful if inhaled.

- Chronic (Delayed)**
- No data available

Skin

- Acute (Immediate)**
- Under normal conditions of use, no health effects are expected however if skin contact occurs once product is ignited, may cause skin irritation.

- Chronic (Delayed)**
- No data available

Eye

- Acute (Immediate)**
- Under normal conditions of use, no health effects are expected however if eye contact occurs, once product is ignited, may cause severe eye irritation.

- Chronic (Delayed)**
- No data available

Ingestion

- Acute (Immediate)**
- Under normal conditions of use, no health effects are expected.

- Chronic (Delayed)**
- No data available

Section 12 - Ecological Information

Toxicity

- No data available

Persistence and degradability

- No data available

Bioaccumulative potential

- No data available

Mobility in Soil

- No data available

Other adverse effects

- Potential Environmental Effects**
- This product is highly toxic to wildlife.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Never place unused product down any indoor or outdoor drain.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Nonrefillable container. Do not reuse or refill this container. See product label for container disposal instructions.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	None	Consumer commodity	ORM-D	N/A	NDA
	UN1479	Oxidizing solid, n.o.s. (contains sulfur and potassium nitrate)	5.1	II	NDA
IMO/IMDG	UN1479	Oxidizing solid, n.o.s. (contains sulfur and potassium nitrate)	5.1	II	NDA
IATA/ICAO	UN1479	Oxidizing solid, n.o.s. (contains sulfur and potassium nitrate)	5.1	II	NDA

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Acute

FIFRA – Pesticide Labeling

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Keep out of reach of children.

WARNING

Precautionary Statements •

Hazards to Humans and Domestic Animals • HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING: Causes eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. After ignition, cartridge produces toxic gases. Fumes may be harmful if inhaled.

First Aid • If on skin or clothing: • Takeoff contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor immediately for treatment advice. If inhaled: • Move person to fresh air. • If person is

not breathing, call 911 or an ambulance, then give artificial, respiration, preferably by mouth-to mouth, if possible. • Call a poison control center or doctor immediately for further treatment advice. If in eyes: • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor immediately for treatment advice.

Environmental Hazards • This product is highly toxic to wildlife. Check all burrows for signs of non-target species. If present, do not treat burrows. See Insert for complete "ENVIRONMENTAL HAZARDS" text, including the "Endangered Species Considerations".

Physical or Chemical Hazards • Once ignited by the fuse, this cartridge will burn vigorously until completely spent and is capable of causing severe burns to exposed skin and clothes, and of igniting dry grass, leaves and other combustible materials.

Inventory		
Component	CAS	TSCA
Potassium nitrate	7757-79-1	Yes
Sulfur	7704-34-9	Yes

United States

Environment

U.S. - EPA - Designated Generic Categories - Nitrate Compounds

- | | | |
|---------------------|-----------|------------|
| • Potassium nitrate | 7757-79-1 | RR-03804-0 |
| • Sulfur | 7704-34-9 | Not Listed |

Section 16 - Other Information

- Last Revision Date** • 11/September/2014
- Preparation Date** • 06/August/2014
- Disclaimer/Statement of Liability** • The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.