



# SDS

# Safety Data Sheet

Apollo Technologies, Inc.

## GRANITIZE - AIR INTAKE SYSTEM CLEANER AR10

SDS Number: 12517083

Revision Date: 12/1/2015

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Apollo Technologies, Inc.  
1850 S. Cobb Industrial Boulevard  
Smyrna, GA 30082

#### Vendor

GRANITIZE

**Phone:** 770-433-0210  
**Web:** <http://www.apolloind.com/>

**Product Name:** GRANITIZE - AIR INTAKE SYSTEM CLEANER AR10  
**Revision Date:** 12/1/2015  
**Version:** New  
**SDS Number:** 12517083  
**Common Name:** Aerosol Cleaner  
**Product Use:** Aerosol Cleaner

### 2 HAZARDS IDENTIFICATION

- Route of Entry:** Eyes - Yes    Skin - Yes    Inhalation - Yes    Ingestion - Unlikely
- Target Organs:** Central nervous system; Eyes; Digestive tract; Skin; Respiratory system;
- Inhalation:** Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. May irritate the throat and lungs. May cause central nervous system depression with symptoms including nausea, headache, dizziness, fatigue, drowsiness, or unconsciousness. Breathing high concentrations of this material, for example, in an enclosed space or by intentional abuse, can cause irregular heartbeats which can cause death.
- Skin Contact:** May cause mild skin irritation with redness, drying and cracking, itching or burning feeling. Effects may become more serious with repeated or prolonged contact.  
drying and cracking of skin, and skin burns
- Eye Contact:** Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes with blurred vision. Effects may become more serious with repeated or prolonged contact.
- Ingestion:** Swallowing this material may be harmful. Swallowing this material may cause stomach or intestinal upset with pain, nausea, and/or diarrhea. This material can get into the lungs during swallowing or vomiting. Small amounts in the lungs can cause lung damage, possibly leading to chronic lung dysfunction.

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NFPA:  
HMIS III:

Health = 2, Fire = 4, Reactivity = 0  
H2/F4/PH0



HMIS III	
HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B   Safety Glasses, Gloves	

GHS Signal Word:  
DANGER

GHS Hazard Pictograms:



GHS Classifications:  
Physical, Flammable Aerosols, 1  
Health, Acute toxicity, 3 Oral  
Health, Acute toxicity, 4 Dermal  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Aspiration hazard, 2  
Health, Acute toxicity, 4 Inhalation  
Health, Skin corrosion/irritation, 2

GHS Phrases:  
H222 - Extremely flammable aerosol  
H229 - Pressurized container: may burst if heated  
H301 - Toxic if swallowed  
H312 - Harmful in contact with skin  
H319 - Causes serious eye irritation  
H305 - May be harmful if swallowed and enters airways  
H332 - Harmful if inhaled  
H315 - Causes skin irritation

GHS Precautionary Statements:  
P102 - Keep out of reach of children.  
P103 - Read label before use.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P211 - Do not spray on an open flame or other ignition source.  
P243 - Take precautionary measures against static discharge.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P262 - Do not get in eyes, on skin, or on clothing.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P281 - Use personal protective equipment as required.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.



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P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302+352 - IF ON SKIN: Wash with soap and water.  
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P304+341 - IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.  
P371+380+375 - In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.  
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin and lung disorders  
ANY INGRED. LISTED CARCINOGEN: OSHA Not listed. IARC Group 2B NTP Not listed.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas #	Percentage	Chemical Name
-------	------------	---------------

67-64-1	75-85%	2-Propanone
1330-20-7	5-10%	Xylene
100-41-4	<5%	Ethylbenzene
124-38-9	5-15%	Carbon dioxide (propellant)

### 4 FIRST AID MEASURES

**Inhalation:** Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.  
**Skin Contact:** Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.  
**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.  
**Ingestion:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

### 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	Extremely flammable
<b>Flash Point:</b>	-4°F (-20°C) Concentrate
<b>Flash Point Method:</b>	Estimated
<b>Burning Rate:</b>	Not available.
<b>Autoignition Temp:</b>	Not available.
<b>LEL:</b>	Not available.
<b>UEL:</b>	Not available.

Means of Extinguishment:  
Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.  
Unsuitable Extinguishing Media: Not available.



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Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

### 6

### ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

**Environmental Precautions:** Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

**Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Clean-Up:** Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

### 7

### HANDLING AND STORAGE

**Handling Precautions:** HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container. Vapors can cause flash fires.

**Storage Requirements:** Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Store in accordance with NFPA 30B for LEVEL 3 AEROSOL.

### 8

### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Maintain adequate ventilation.

**Personal Protective Equip:** HMIS PP, B | Safety Glasses, Gloves

INGREDIENTS	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
2-Propanone	1000 ppm	500 ppm	
Xylene	100 ppm	100 ppm	
Ethylbenzene	100 ppm	100 ppm	
Carbon dioxide (propellant)	5000 ppm	5000 ppm	

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Colorless, clear liquid
<b>Physical State:</b>	Mixture packaged in pressurized aerosol spray can.
<b>Odor:</b>	Solvent odor
<b>Solubility:</b>	Partially miscible
<b>Spec Grav./Density:</b>	0.795 - 0.805g/mL
<b>Boiling Point:</b>	>100°F
<b>Flammability:</b>	Extremely flammable
<b>Flash Point:</b>	-4°F (-20°C) Concentrate (estimated)
<b>Vapor Pressure:</b>	No Data
<b>pH:</b>	N/A
<b>VOC:</b>	9.7%
<b>Evap. Rate:</b>	>1.00

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Heat, sparks, open flames and temperatures above 120°F
<b>Materials to Avoid:</b>	Strong Oxidizing Agents.
<b>Hazardous Decomposition:</b>	CO, CO <sub>2</sub> , and hydrocarbons.
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

No product toxicological information is available.

### 12 ECOLOGICAL INFORMATION

No product ecological information is available.

### 13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

### 14 TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1  
UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, Flammable

### 15 REGULATORY INFORMATION



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### COMPONENT / (CAS/PERC) / CODES

\*2-Propanone (67641 75-85%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

\*Xylene (1330207 5-10%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

\*Ethylbenzene (100414 <5%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TSCA, TXAIR

\*Carbon dioxide (propellant) (124389 5-15%) MASS, OSHAWAC, PA, TSCA, TXAIR

### REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance  
HAP = Hazardous Air Pollutants  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHA = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
TXHWL = TX Hazardous Waste List

CSWHS = Clean water Act Hazardous substances  
EPCRAWPC = EPCRA Water Priority Chemicals

PRIPOL = Clean water Act Priority Pollutants  
TOXICPOL = Clean water Act Toxic Pollutants

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

**WARNING:** This product contains a chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

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### OTHER INFORMATION

Author: JB

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### Disclaimer:

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