

GRANITIZE - AR-25

SDS Number: 1302110

Revision Date: 9/2/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Vendor

Granitize

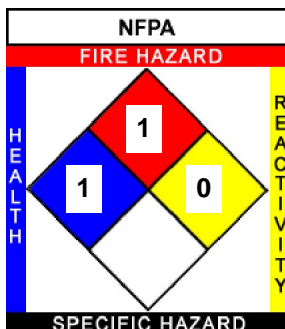
Phone: 770-433-0210
Web: <http://www.apolloind.com/>

Product Name: GRANITIZE - AR-25
Revision Date: 9/2/2015
Version: 1
SDS Number: 1302110
Common Name: Aerosol carpet cleaner
Product Use: Aerosol carpet cleaner

2 HAZARDS IDENTIFICATION

- Route of Entry:** Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
- Target Organs:** Digestive tract; Eyes; Respiratory system; Skin;
- Inhalation:** May cause allergic type response in susceptible or hypersensitive individuals upon repeated or prolonged exposure
- Skin Contact:** Slight redness on hands and forearms, if individuals has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin.
- Eye Contact:** This material may cause eye irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.
- Ingestion:** No effect if ingested in small amounts. Relative to other materials, a single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion

NFPA: Health = 1, Fire = 1, Reactivity = 0
HMIS III: H1/F1/PH0



HMIS III	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B Safety Glasses, Gloves	

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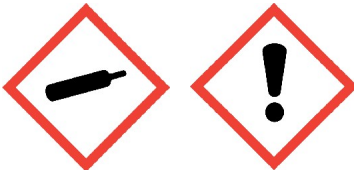
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GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

Physical, Gases Under Pressure, Compressed Gas
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Acute toxicity, 5 Oral
Health, Specific target organ toxicity - Single exposure, 3
Health, Skin corrosion/irritation, 2

GHS Phrases:

H280 - Contains gas under pressure; may explode if heated
H320 - Causes eye irritation
H303 - May be harmful if swallowed
H335 - May cause respiratory irritation
H315 - Causes skin irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P202 - Do not handle until all safety precautions have been read and understood.
P251 - Pressurized container: Do not pierce or burn, even after use.
P273 - Avoid release to the environment.
P285 - In case of inadequate ventilation wear respiratory protection.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P281 - Use personal protective equipment as required.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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+340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
P412 - Do not expose to temperatures exceeding 50 °C/122 °F

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas # | Percentage | Chemical Name

7664-41-7	<5%	Ammonia
74-98-6	<5%	Propane
106-97-8	<5%	n-Butane

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4 FIRST AID MEASURES

- Inhalation:** May cause allergic type response in susceptible or hypersensitive individuals upon repeated or prolonged exposure
- Skin Contact:** Slight redness on hands and forearms, if individuals has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin
- Eye Contact:** This material may cause eye irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.
- Ingestion:** No effect if ingested in small amounts. Relative to other materials, a single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

5 FIRE FIGHTING MEASURES

- Flammability:** Non-Flammable
- Flash Point:** Not applicable.
- Flash Point Method:** Not applicable.
- Burning Rate:** Not available.
- Autoignition Temp:** Not available.
- LEL:** Not available.

Means of Extinguishment:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

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.

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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.

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 1 AEROSOL.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Maintain adequate ventilation.

Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves
Usage of safety glasses/ goggles is recommended. In poorly ventilated areas you must wear a supplied air respirator.

Principal Hazardous Component(s) CAS No. OSHA PEL/ACGIH TLV

Ammonia	7664-41-7	50ppm	35 ppm
Propane	74-98-6		1000 ppm
n-Butane	106-97-8		800 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light straw clear - slightly hazy	Odor:	pine odor
Physical State:	Mixture packaged in pressurized aerosol sp	Solubility:	Soluble
Spec Grav./Density:	0.990-1.02g/ml	Flash Point:	Non-Flammable
Boiling Point:	>100°F	VOC:	5.00%
Flammability:	Non-Flammable		
Vapor Pressure:	No Data		
pH:	10.5-11.5		
Evap. Rate:	<1.00		

10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to Avoid: Heat, sparks, open flames and temperatures above 120°F

Materials to Avoid: Strong Oxidizing Agents.

Hazardous Decomposition: CO & CO₂

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

No product toxicological information is available.



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ECOLOGICAL INFORMATION

No product ecological information is available.

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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.

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TRANSPORT INFORMATION

DOT Class: Non-Flammable Gas (2.2) #2.2

UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, Non-flammable



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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Ammonia (7664417 <5%) CERCLA, CSWHS, EHS302, EPCRAWPC, MASS, NJEHS, NJHS, OSHAPSM, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Propane (74986 <5%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*n-Butane (106978 <5%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

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
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance
CSWHS = Clean water Act Hazardous substances
EHS302 = Extremely Hazardous Substance
EPCRAWPC = EPCRA Water Priority Chemicals
NJEHS = NJ Extraordinarily Hazardous Substances
OSHA = OSHA Chemicals Requiring process safety management
SARA313 = SARA 313 Title III Toxic Chemicals

Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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OTHER INFORMATION

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Disclaimer:

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