

Granitize - AR 16

SDS Number: 1255720

Revision Date: 1/26/2016

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Apollo Technologies
1850 S.Cobb Industrial Blvd
Smyrna, GA 30082

Vendor

Granitize

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

Product Name: Granitize - AR 16
Revision Date: 1/26/2016
Version: New
SDS Number: 1255720
Common Name: Aerosol Cleaner
Product Code: 1255720
Product Use: Aerosol Cleaner

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
Target Organs: Eyes, skin , respiratory system.
Inhalation: May be irritating if inhaled. May cause dizziness.
Skin Contact: May cause mild irritation.
Eye Contact: May cause mild irritation
Ingestion: If ingested may cause temporary irritation of mouth and throat.

NFPA:
HMIS III:

Health = 1, Fire = 3, Reactivity = 0
H1/F3/PH0



HMIS III	
HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B Safety Glasses, Gloves	

PERSONAL PROTECTION INDEX			
A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions
A	n	O	p
t	u	w	y
z	Additional Information		

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GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:
Physical, Flammable Aerosols, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Acute toxicity, 5 Oral
Health, Skin corrosion/irritation, 3
Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:
H223 - Flammable aerosol
H320 - Causes eye irritation
H229 - Pressurized container: may burst if heated
H303 - May be harmful if swallowed
H316 - Causes mild skin irritation
H336 - May cause drowsiness or dizziness

GHS Precautionary Statements:
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+350 - IF ON SKIN: Gently wash with soap and water.
P281 - Use personal protective equipment as required.
P262 - Do not get in eyes, on skin, or on clothing.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
P403+233 - Store in a well ventilated place. Keep container tightly closed.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P251 - Pressurized container: Do not pierce or burn, even after use.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P412 - Do not expose to temperatures exceeding 50 °C/122 °F

CONDITIONS AGGRAVATED BY EXPOSURE: None known
LISTED CARCINOGENS: OSHA - Not listed IARC - Not listed NTP - Not listed

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas # | Percentage | Chemical Name

Cas #	Percentage	Chemical Name
74-98-6	10-20	Propane / Isobutane / n-Butane
112-27-6	<10	Triethylene glycol
64-17-5	<10	Ethanol

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4 FIRST AID MEASURES

- Inhalation:** :In the unlikely event of inhalation of spray mist, remove affected person to fresh air. If irritation develops and/or continues, consult a physician or Poison Control Center for guidance.
- Skin Contact:** in case of skin contact, wash with soap and water for at least 15 minutes
- Eye Contact:** Flush with water for at least 15 minutes; remove contact lenses, if worn, and easy to do. Continue rinsing
- Ingestion:** DO NOT induce vomiting..Have individual drink a glass of water , if conscious. Consult physician or Poison Control Center if feeling unwell.

5 FIRE FIGHTING MEASURES

- Flammability:** Flammable aerosol
- Flash Point:** Flammable aerosol
- Flash Point Method:** enclosed drum test
- Burning Rate:** N/D
- Autoignition Temp:** N/D
- LEL:** N/D
- UEL:** N/D

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: Ventilation equal to outdoors

Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves
Eysglasses and gloves recommended.

INGREDIENTS	EXPOSURE LIMITS		
	OSHA-PEL	ACGIH-TLV	OTHER
Propane / Isobutane / n-Butane	Not est.	1000ppm	
Triethylene glycol	Not est.	Not est.	TLV: 100 mg/m3
Ethanol	1000ppm	1000ppm	

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, water thin	Odor:	Pleasant,floral
Physical State:	Liquid packaged in aerosol container	Molecular Formula:	N/A
Odor Threshold:	N/D	Solubility:	soluble
Particle Size:	N/D	Softening Point:	N/A
Spec Grav./Density:	0.976 (fill)	Percent Volatile:	20.51%
Viscosity:	Water thin (fill)	Heat Value:	N/A
Sat. Vap. Conc.:	N/D	Freezing/Melting Pt.:	32F (fill)
Boiling Point:	N/A	Flash Point:	N/A
Flammability:	Flammable aerosol	Octanol:	N/D
Partition Coefficient:	Not determined	Vapor Density:	N/D
Vapor Pressure:	N/D	VOC:	20.51%
pH:	9-10	Bulk Density:	0.9 (estimated)
Evap. Rate:	equal to water (fill)	Auto-Ignition Temp:	N/D
Molecular weight:	N/A	UFL/LFL:	N/A
Decomp Temp:	N/A		



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10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Extreme temperatures Store below 50C (122F)
Materials to Avoid:	Strong acid, alkline, oxidizing materials
Hazardous Decomposition:	Oxides of carbon
Hazardous Polymerization:	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.



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TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1

UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, flammable (each not exceeding 1 L capacity)

DOT

UN Number	UN1950
UN proper shipping name	Aerosols, flammable
Transport Hazard Class(es)	
Class	2.1
Subsidiary risk	---
Label(s)	2.1
Packing group	Not applicable

IATA

UN Number	UN1950
UN proper shipping name	Aerosols, flammable
Transport Hazard Class(es)	
Class	2.1
Subsidiary risk	---
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	No
Other information	
Passenger and cargo aircraft	Allowed
Cargo aircraft only	Allowed

IMDG

UN Number	UN1950
UN proper shipping name	Aerosols, flammable
Transport Hazard Class(es)	
Class	2.1
Subsidiary risk	---
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	No



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REGULATORY INFORMATION

*Propane / Isobutane / n-Butane (74986 10-20%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*Triethylene glycol (112276<10%) HAP, PA, TSCA

*Ethanol (64175 <10%) MASS, 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 Cleanup Substance
CSWS= Clean water Act Hazardous Substance
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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