

ENVYSS - "BIG O"

SDS Number: 13232736

Revision Date: 9/17/2015

Page 1 of 6

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Vendor

Envyss LLC

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

Phone: 1-770-934-4242
Web: <http://www.envyss.com>

Product Name: ENVYSS - "BIG O"
Revision Date: 9/17/2015
Version: New
SDS Number: 13232736
Common Name: Aerosol Cleaner/Degreaser
Product Use: Aerosol Cleaner/Degreaser

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely

Target Organs: Eyes, Skin, Respiratory System

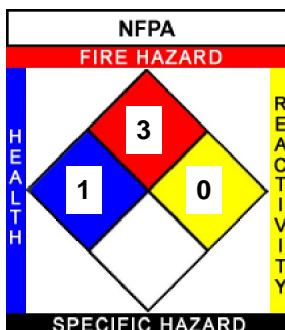
Inhalation: Can cause irritation and inflammation of the respiratory tract. Vapours may cause drowsiness and dizziness.

Skin Contact: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin.

Eye Contact: May cause irritation. Symptoms include stinging, tearing, redness and swelling of eyes.

Ingestion: Not a normal route of exposure. Ingestion may cause nausea and vomiting. ASPIRATION HAZARD - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

NFPA: Health = 1, Fire = 3, Reactivity = 0
HMIS III: H1/F3/PH0



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

ENVYSS - "BIG O"

SDS Number: 13232736

Revision Date: 9/17/2015

Page 2 of 6

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 1
Health, Acute toxicity, 4 Oral
Health, Aspiration hazard, 2
Health, Skin corrosion/irritation, 2
Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

H222 - Extremely flammable aerosol
H229 - Pressurized container: may burst if heated
H302 - Harmful if swallowed
H305 - May be harmful if swallowed and enters airways
H315 - Causes skin irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness

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
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P281 - Use personal protective equipment as required.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+341 - IF INHALED: If breathing is difficult, remove victim 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.

P314 - Get Medical advice/attention if you feel unwell.
P410+412 - Protect from sunlight. 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

3

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
64742-47-8	30-50%	Distillates, petroleum, hydrotreated light
94266-47-4	30-50%	Citrus Terpenes
9016-45-9	1-5%	Polyetoxylate/Nonylphenol Ethoxylate
74-98-6	1-10%	Propane
106-97-8	1-10%	Butane

ENVYSS - "BIG O"

SDS Number: 13232736

Revision Date: 9/17/2015

Page 3 of 6

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

- Flammability:** Extremely Flammable per Flame Projection Test
- Flash Point:** Not established (concentrate) / -156°F (-104.4°C) (propellant)
- Autoignition Temp:** Not established
- LEL:** Not established
- UEL:** Not established

Means of Extinction:

Suitable Extinguishing Media: Powder, 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.

7 HANDLING AND STORAGE

Handling Precautions: HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. VAPORS MAY CAUSE FLASH FIRE.

ENVYSS - "BIG O"

SDS Number: 13232736

Revision Date: 9/17/2015

Page 4 of 6

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 3 AEROSOL.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use ventilation adequate to keep exposures below recommended exposure limits.

Personal Protective Equip:

HMIS PP, B | Safety Glasses, Gloves

Eye Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

INGREDIENTS	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
Distillates, petroleum, hydrotreated	Not established	200 ppm (8 hr)	
Citrus Terpenes	Not established	Not established	30 ppm 8hr (AIHA)
Polyetoxylate/Nonylphenol Ethoxylate	Not established	Not established	
Propane	Unknown	1000 ppm	
Butane	Unknown	800 ppm	

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	light straw color, clear to slightly hazy liquid
Physical State:	Mixture packaged in pressurized aerosol spray can.
Odor:	citrus
Solubility:	Emulsifies in water
Spec Grav./Density:	0.770 - 0.870 g/ml
Viscosity:	< 5 cSt
Heat Value:	42.7 kJ/g (estimated)
Flammability:	Flammable
Flash Point:	Not established (concentrate) / -156°F (-104.4°C) (propellant)
Vapor Pressure:	Not established
pH:	Not applicable
VOC:	49.5%
Evap. Rate:	< 1,00 (BuAc=1)
Auto-Ignition Temp:	Not established
UFL/LFL:	Not established

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.



SDS

Safety Data Sheet

ENVYSS - "BIG O"

SDS Number: 13232736

Revision Date: 9/17/2015

Page 5 of 6

Hazardous Decomposition: CO, CO2, and hydrocarbons.

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.

14 TRANSPORT INFORMATION

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

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



SDS

Safety Data Sheet

ENVYSS - "BIG O"

SDS Number: 13232736

Revision Date: 9/17/2015

Page 6 of 6

Transport Hazard Class(es)

Class	2.1
Subsidiary risk	---
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	No

15

REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Distillates, petroleum, hydrotreated light (64742478 30-50%) TSCA

*Citrus terpenes (94266474 30-50%) TSCA

*Polyethoxylate/Nonylphenol Ethoxylate (9016459 1-5%) TSCA

*Propane (74986 1-10%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*Butane (106978 1-10%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

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

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

This product may contain a chemical(s) currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

16

OTHER INFORMATION

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