



MATERIAL SAFETY DATA SHEET

Square with Nicotine

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulation

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Square with Nicotine**
 PRODUCT CODES: Original Red, Minty Menthol, Gold, Silver, Pink, Punch, Black
 PRODUCT DESCRIPTION: This product is an electronic cigarette that delivers various levels of nicotine and is available in both menthol and natural tobacco flavors. Patented button activation technology.
 U.N. NUMBER: None
 U.N. DANGEROUS GOODS CLASS: Non-Regulated Material
 SUPPLIER/MANUFACTURER'S NAME: PHD MARKETING Inc.
 ADDRESS: 5560 East 61st Street Commerce, CA 90040 USA
EMERGENCY PHONE: 888-942-5355
 BUSINESS PHONE: 888-942-5355 (Product Information)
 E-MAIL ADDRESS: info@squaresmoke.com
 DATE OF PREPARATION: September 5, 2012
 DATE OF LAST REVISION: New

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is an electronic cigarette containing a lithium Ion battery, 3 LED lights, filter material and the flavoring containing various levels of nicotine depending on product selected. Nicotine levels vary from 18 mg to 8 mg.

Health Hazards: Exposure

Flammability Hazards: This product is not expected to be a fire hazard.

Reactivity Hazards: None known.

Environmental Hazards: Release of this product is not expected to cause adverse effects in the environment.

Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

Non-Regulated

CANADA (WHMIS) SYMBOLS



EUROPEAN and (GHS) Hazard Symbols



Signal Word: **Warning!**

EU LABELING AND CLASSIFICATION:

Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex 1

None of the ingredients are listed in Annex I of Directive 67/548/EEC

Substances not listed either individually or in group entries must be self classified.

COMPONENTS DETERMINING HAZARDS:

Glycerol, Nicotine

GHS Hazard Classification(s):

Eye Irritant Category 2B

Acute Oral Toxicity Category 4

Acute Dermal Toxicity Category 4

Hazard Statement(s):

H302: Harmful if swallowed

H312: Harmful in contact with skin

H320: Causes eye irritation

Precautionary Statement(s):

P264: Wash hands thoroughly after handling



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EU HAZARD CLASSIFICATION PER DIRECTIVE 1999/45/EC:

[Xn] Harmful, [Xi] Irritant

Risk Phrases:

R21/22: Harmful in contact with skin and if swallowed

R36: Irritating to eyes

Safety Phrases:

S24/25: Avoid contact with skin and eyes

S45: In case of an accident or if you feel unwell, seek medical advice

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE: When used as directed this product is not expected to have adverse health effects. Warning! Nicotine is addictive and can be harmful if swallowed or absorbed through the skin. Exposure to a leaking battery could cause burns or eye/skin irritation.

CHRONIC: None known

TARGET ORGANS:

ACUTE: Eye, Skin

CHRONIC: None known

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Square Applicator					
Aluminum Tube	7429-90-5	231-072-3	Not Listed	NA	HAZARD CLASSIFICATION: None RISK PHRASES: None
LED Lights (3)	Not Assigned	Not Listed	Not Listed	NA	HAZARD CLASSIFICATION: None RISK PHRASES: None
Cellulose Filter	9004-34-6	232-674-9	Not Listed	NA	HAZARD CLASSIFICATION: None RISK PHRASES: None
Lithium Ion Battery					
Lithium Cobalt	12190-79-3	235-362-0	Not Listed	<35%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Graphite	7782-42-5	231-955-3	Not Listed	25 – 30%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Poly Vinylidene Fluoride	24937-79-9	Not Listed in ESIS	Not Listed	<20%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Acetylene Black	1333-86-4	215-609-9	Not Listed	0.5 – 3%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Electrolyte	623-53-0 /21324-40-3	244-334-7	Not Listed	5 – 15%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Flavor Additive					
Glycerol	56-81-5	200-289-5	0624	15 - 30%	HAZARD CLASSIFICATION: Self Classified: [Xi] Irritant RISK PHRASES: R36
Nicotine	54-11-5	200-193-3	Not Listed	<1%	HAZARD CLASSIFICATION: [Xn] Harmful RISK PHRASES: R21/22
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*.

SECTION 4 - FIRST-AID MEASURES

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation develops.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists.



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INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

SECTION 5 - FIRE-FIGHTING MEASURES

FLASH POINT:

AUTOIGNITION TEMPERATURE:

FLAMMABLE LIMITS (in air by volume, %):

FIRE EXTINGUISHING MATERIALS:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Explosion Sensitivity to Mechanical Impact:

Explosion Sensitivity to Static Discharge:

SPECIAL FIRE-FIGHTING PROCEDURES:

Non-Flammable

Not Applicable

Lower (LEL): Not Applicable Upper (UEL): Not Applicable

As appropriate for surrounding fire condition. Carbon dioxide, foam, dry chemical, halon, or water spray.

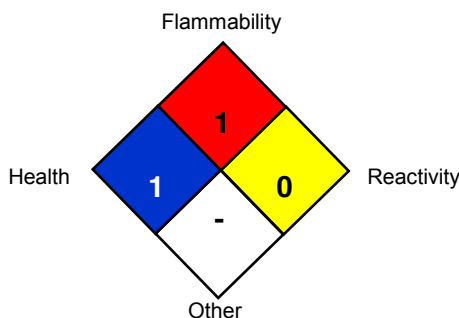
The battery may be explosive at high temperature (above 60° C) or exposing to the fire.

Not Sensitive.

Not Sensitive

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			1
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Pickup for re-use, recycling or disposal

Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations)



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SECTION 7 - HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Wash thoroughly after handling this product.

STORAGE AND HANDLING PRACTICES: Store in a cool, dry well-ventilated area below 115°F. Protect from physical damage.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA	WEEL
Glycerol	56-81-5	10 mg/m ³ Mist	10 mg/m ³ Mist	10 mg/m ³ Mist
Nicotine	54-11-5	0.5 mg/m ³ Skin	0.5 mg/m ³ Skin	0.5 mg/m ³ Skin

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not required with this product. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Not required when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SKIN PROTECTION: Not required when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
APPEARANCE & ODOR:	Solid in various colors with a slight odor.
ODOR THRESHOLD (PPM):	Slight
VAPOR PRESSURE (mmHg):	Not Applicable
DENSITY:	Not Applicable
EVAPORATION RATE (nBuAc = 1):	Not Applicable
BOILING POINT (C°):	Not Applicable
FREEZING POINT (C°):	Not Applicable
pH:	Not Applicable
SPECIFIC GRAVITY 20°C: (WATER =1)	Not Applicable
SOLUBILITY IN WATER (%)	Non-soluble

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product produces carbon dioxide and carbon monoxide.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong acids and alkali



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HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Do not heat, throw into fire, disassemble, short circuit, immerse in water or overcharge, etc.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA: Toxicity data is not available for this product:

CAS# 56-81-5 Oral LD50:	12,600 mg/kg	Rat
CAS# 56-81-5 Dermal LD50:	21,900 mg/kg	Rat
CAS# 54-11-5 Oral LD50:	3.34 mg/kg	Mouse
CAS# 54-11-5 Dermal LD50:	50 mg/kg	Rabbit

SUSPECTED CANCER AGENT: One of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is considered to be, or suspected to be a cancer-causing agent by these agencies. Nicotine CAS# 54-11-5

IRRITANCY OF PRODUCT: Contact with this product can be irritating to skin and eyes.

SENSITIZATION OF PRODUCT: This product is not considered a sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: Nicotine passes through the placenta, excreted in maternal milk. May cause adverse reproductive effects and birth defects.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: When properly used this product does not present an environmental hazard.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No evidence is currently available on this products effects on plants or animals.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No evidence is currently available on this product's effects on aquatic life.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

RCRA WASTE CODE: None known

EU WASTE CODE: None known

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

Note: The Li-ion Battery has passed the test UN38.3, According to Packing Instruction P1965-P1967 section II of IATA DGR 53rd Edition for transportation, or special provision 188 of IMDG. The product is not subject to dangerous goods regulation.

PROPER SHIPPING NAME: Non-Regulated Material.

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): None

MARINE POLLUTANT: This product does not contain ingredients that are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)



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TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

SECTION 15 - REGULATORY INFORMATION

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: No Fire: No Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): One of the ingredients are on the California Proposition 65 lists.

WARNING! One or more of the ingredients in this product has been identified by the State of California to cause cancer or reproductive harm.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is categorized as Class D Division 2B as per the Controlled Product Regulations

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:



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JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Not all ingredients listed
Australian Inventory of Chemical Substances (AICS):	Not all ingredients listed
Korean Existing Chemicals List (ECL):	Not all ingredients listed
Japanese Existing National Inventory of Chemical Substances (ENCS):	Not all ingredients listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Not all ingredients listed
Swiss Giftlist List of Toxic Substances:	Not all ingredients listed
U.S. TSCA:	Not all ingredients listed

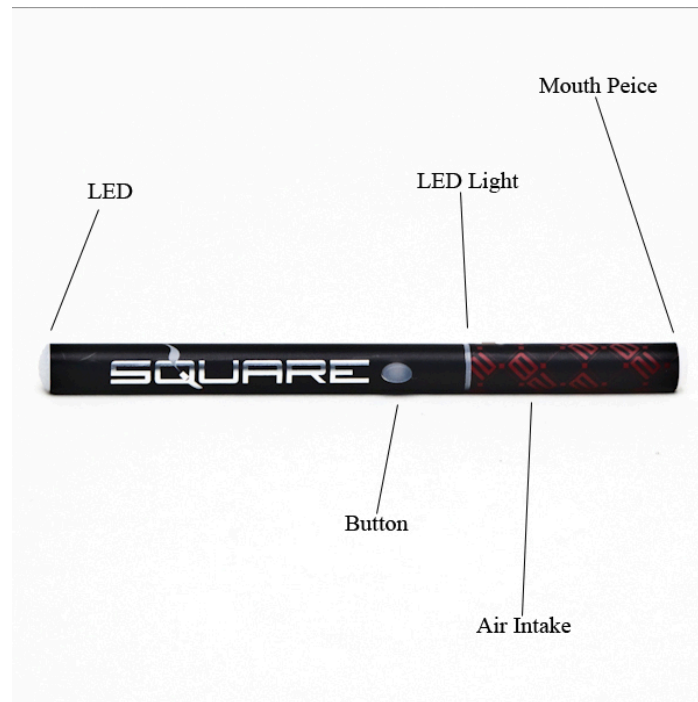
SECTION 16 - OTHER INFORMATION

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INSTRUCTION FOR USE OF SQUARE/STARBUZZ ELECTRONIC CIGARETTE



Take the Square E-Cigarette out of the transparent tube.

Remove the "PULL" tab

Remove the plastic cap from the mouth piece

Press Button (2 LEDs will turn on) and inhale while still pressing the Button

Release the Button and exhale.

Place E-Cigarette back into the transparent tube when not in use for extended period of time, and when placed in the pocket to avoid unintended accidental activation of button.