

SAFETY DATA SHEET

1. Identification

1. Identification		
Product identifier	Aviation XT-2000™ Precision Cleaner	
Other means of identification		
Product Code	No. 10315 (Item# 1004730)	
Recommended use	Electronic cleaner	
Recommended restrictions	None known.	
Manufacturer/Importer/Supplier	Distributor information	
Manufactured or sold by:		
Company name	CRC Industries, Inc.	
Address	885 Louis Dr.	
	Warminster, PA 18974 US	
Telephone		
General Information	215-674-4300	
Technical Assistance	800-521-3168	
Customer Service	800-272-4620	
24-Hour Emergency	800-424-9300 (US)	
(CHEMTREC)	703-527-3887 (International)	
Website	www.crcindustries.com	
2. Hazard(s) identification	l	
Physical hazards	Gases under pressure	Liquefied gas
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.	
Label elements		
Signal word	Danger	
Hazard statement	Contains gas under pressure; may explode if h airways. Causes skin irritation. Causes serious Harmful to aquatic life with long lasting effects	s eye irritation. May cause drowsiness or dizziness.
Precautionary statement		
Prevention	49°C/120°F. Use with adequate ventilation. Op ensure a fresh air supply during use and while listed on this label, increase ventilation or leav	ot expose to heat or store at temperatures above pen doors and windows or use other means to product is drying. If you experience any symptoms the area. Avoid breathing mist or vapor. Wash h/face protection. Wear protective gloves. Avoid

Response	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage	Store locked up. Protect from sunlight. Store in a well-ventilated place. Exposure to high temperature may cause can to burst.
Disposal	Dispose of contents/container in accordance with local/regional/national regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

Supplemental information

When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen fluoride, hydrogen chloride and possibly phosgene.

3. Composition/information on ingredients

Mixtures

Common name and synonyms	CAS number	%
HFC-134a	811-97-2	30 - 40
HFC 43-10mee	138495-42-8	30 - 40
	156-60-5	20 - 30
	67-63-0	1 - 3
	109-87-5	1 - 3
	67-56-1	< 0.2
	HFC-134a	HFC-134a 811-97-2 HFC 43-10mee 138495-42-8 156-60-5 67-63-0 109-87-5 109-87-5

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing 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	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen fluoride, hydrogen chloride and possibly phosgene.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.
General fire hazards	Contents under pressure. Pressurized container may rupture when exposed to heat or flame.

6. Accidental release measures

6. Accidental release mea	50165
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Prevent product from entering drains. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.
Conditions for safe storage, including any incompatibilities	Level 1 Aerosol. Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other equipment of instituted place. Store owned from incompatible
	heat or other sources of ignition. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	
isopropyl alcohol (CAS 67-63-0)	PEL	980 mg/m3	
		400 ppm	
methanol (CAS 67-56-1)	PEL	260 mg/m3	
		200 ppm	
methylal (CAS 109-87-5)	PEL	3100 mg/m3	
		1000 ppm	
trans-1,2-dichloroethylene (CAS 156-60-5)	PEL	790 mg/m3	
		200 ppm	
US. ACGIH Threshold Limit Value	S		
Components	Туре	Value	
isopropyl alcohol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
methanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
methylal (CAS 109-87-5)	TWA	1000 ppm	
trans-1,2-dichloroethylene (CAS 156-60-5)	TWA	200 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Туре		V	alue
isopropyl alcohol (CAS 67-63-0)	STEL			225 mg/m3
				00 ppm
	TWA			80 mg/m3
methanol (CAS 67-56-1)	STEL			00 ppm 25 mg/m3
	SILL			50 ppm
	TWA			60 mg/m3
				00 ppm
methylal (CAS 109-87-5)	TWA		3	100 mg/m3
				000 ppm
trans-1,2-dichloroethylene (CAS 156-60-5)	TWA			90 mg/m3
			20	00 ppm
US. Workplace Environmen Components	tal Exposure Level (V Type	VEEL) Guides	v	alue
1,1,1,2-tetrafluoroethane (CAS 811-97-2)	TWA		42	240 mg/m3
(CAS 011-97-2)			10	000 ppm
ological limit values				
ACGIH Biological Exposure Components	e Indices /alue	Determinant	Specimen	Sampling Time
isopropyl alcohol (CAS 4 67-63-0)	l0 mg/l	Acetone	Urine	*
methanol (CAS 67-56-1) 1	5 mg/l	Methanol	Urine	*
* - For sampling details, pleas	se see the source docu	ment.		
posure guidelines				
US - California OELs: Skin	designation			
methanol (CAS 67-56-1) US - Minnesota Haz Subs: \$	Skin designation appl		e absorbed thro	ugh the skin.
methanol (CAS 67-56-1) US - Tennessee OELs: Skin	designation	Skin d	esignation appli	ies.
methanol (CAS 67-56-1)			e absorbed thro	ugh the skin.
US ACGIH Threshold Limit	-			
methanol (CAS 67-56-1) US NIOSH Pocket Guide to			e absorbed thro	ugh the skin.
methanol (CAS 67-56-1)		Can b	e absorbed thro	ugh the skin.
propriate engineering ntrols	should be matched t or other engineering exposure limits have	o conditions. If ap controls to mainta not been establis	plicable, use pro ain airborne leve shed, maintain a	hour) should be used. Ventilation rates ocess enclosures, local exhaust ventilation, els below recommended exposure limits. If airborne levels to an acceptable level. Provide showers are recommended.
dividual protection measures, Eye/face protection	such as personal pro Wear safety glasses			
Skin protection Hand protection	Wear protective alow	ves such as: Polvy	invl alcohol (PV	A). Neoprene. Viton/butyl.
-		-		,
Other Beauirstory protection	Wear appropriate ch		•	avagade the applicable expective limits was
Respiratory protection	NIOSH-approved ca	rtridge respirator	with an organic set and for emerged	exceeds the applicable exposure limits, use vapor cartridge. Use a self-contained gencies. Air monitoring is needed to
Thermal hazards	Wear appropriate the	ermal protective c	lothing, when ne	ecessary.
eneral hygiene nsiderations		aterial and before	eating, drinking	sonal hygiene measures, such as washing , and/or smoking. Routinely wash work pants

9. Physical and chemical properties

9. Physical and chemical	
Appearance	
Physical state	Liquid.
Form	Aerosol.
Color	Colorless.
Odor	Mild.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-157 °F (-105 °C) estimated
Initial boiling point and boiling range	106.9 °F (41.6 °C) estimated
Flash point	None (Tag Closed Cup)
Evaporation rate	Fast.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	2 % estimated
Flammability limit - upper (%)	19.9 % estimated
Vapor pressure	2856.1 hPa estimated
Vapor density	> 1 (air = 1)
Relative density	1.38 estimated
Solubility (water)	Slight.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	500 °F (260 °C) estimated
Decomposition temperature	Not available.
Viscosity (kinematic)	Not available.
Percent volatile	100 % estimated

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen fluoride, hydrogen chloride and possibly phosgene. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Hydrogen fluoride. Carbonyl fluoride. Carbon oxides. Hydrogen chloride. Phosgene.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

	May be fatal if swallowed and enters airways.	
Components	Species	Test Results
decafluoropentane (CAS 138495-4	42-8)	
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Inhalation		
LC50	Rat	11058 mg/kg, 4 hours calculated
Oral	Det	5 5000 mm//m
	Rat	> 5000 mg/kg
isopropyl alcohol (CAS 67-63-0)		
<u>Acute</u> Dermal		
LD50	Rabbit	13900 mg/kg
Inhalation		
LC50	Rat	16000 ppm, 4 hours
Oral		···· FF, · ·····
LD50	Rat	4700 mg/kg
methylal (CAS 109-87-5)		5.5
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 13700 mg/kg
Oral		
LD50	Rat	6653 mg/kg
trans-1,2-dichloroethylene (CAS 1	56-60-5)	
<u>Acute</u>		
Oral		
LD50	Rat	1235 mg/kg
* Estimates for product may be	e based on additional component data not shown.	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye	Causes serious eye irritation.	
irritation		
	Next a second second second design of the second	
Respiratory sensitization	Not a respiratory sensitizer.	
Respiratory sensitization Skin sensitization	This product is not expected to cause skin sensitizer.	ation.
Skin sensitization		
Skin sensitization Germ cell mutagenicity	This product is not expected to cause skin sensitiza No data available to indicate product or any compo	
Skin sensitization Germ cell mutagenicity Carcinogenicity	This product is not expected to cause skin sensitiza No data available to indicate product or any compo mutagenic or genotoxic.	
Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall E Not listed.	This product is not expected to cause skin sensitiza No data available to indicate product or any compo mutagenic or genotoxic. Not classifiable as to carcinogenicity to humans. Evaluation of Carcinogenicity	
Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall E Not listed. OSHA Specifically Regulated	This product is not expected to cause skin sensitiza No data available to indicate product or any compo mutagenic or genotoxic. Not classifiable as to carcinogenicity to humans.	
Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall E Not listed. OSHA Specifically Regulated Not regulated.	This product is not expected to cause skin sensitiza No data available to indicate product or any compo- mutagenic or genotoxic. Not classifiable as to carcinogenicity to humans. Evaluation of Carcinogenicity d Substances (29 CFR 1910.1001-1050)	
Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall E Not listed. OSHA Specifically Regulated Not regulated.	This product is not expected to cause skin sensitiza No data available to indicate product or any compo mutagenic or genotoxic. Not classifiable as to carcinogenicity to humans. Evaluation of Carcinogenicity	
Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall E Not listed. OSHA Specifically Regulated Not regulated. US. National Toxicology Pro Not listed.	This product is not expected to cause skin sensitiza No data available to indicate product or any compo- mutagenic or genotoxic. Not classifiable as to carcinogenicity to humans. Evaluation of Carcinogenicity d Substances (29 CFR 1910.1001-1050)	nents present at greater than 0.1% are
Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall E Not listed. OSHA Specifically Regulated Not regulated. US. National Toxicology Pro	This product is not expected to cause skin sensitiza No data available to indicate product or any compo- mutagenic or genotoxic. Not classifiable as to carcinogenicity to humans. Evaluation of Carcinogenicity d Substances (29 CFR 1910.1001-1050) ogram (NTP) Report on Carcinogens	nents present at greater than 0.1% are
Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall E Not listed. OSHA Specifically Regulated Not regulated. US. National Toxicology Pro Not listed. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity -	This product is not expected to cause skin sensitiza No data available to indicate product or any compo- mutagenic or genotoxic. Not classifiable as to carcinogenicity to humans. Evaluation of Carcinogenicity d Substances (29 CFR 1910.1001-1050) ogram (NTP) Report on Carcinogens This product is not expected to cause reproductive	nents present at greater than 0.1% are
Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall E Not listed. OSHA Specifically Regulated Not regulated. US. National Toxicology Pro Not listed. Reproductive toxicity Specific target organ toxicity -	This product is not expected to cause skin sensitiza No data available to indicate product or any compo- mutagenic or genotoxic. Not classifiable as to carcinogenicity to humans. Evaluation of Carcinogenicity d Substances (29 CFR 1910.1001-1050) ogram (NTP) Report on Carcinogens This product is not expected to cause reproductive May cause drowsiness and dizziness.	nents present at greater than 0.1% are or developmental effects.

12. Ecological inform	mation			
Ecotoxicity	Harmful t	Harmful to aquatic life with long lasting effects.		
Components		Species	Test Results	
decafluoropentane (C	AS 138495-42-8)			
Aquatic				
Acute				
Crustacea	EC50	Water flea (Daphnia magna)	11.7 mg/l, 48 hours	
Fish	LC50	Zebra danio (Danio rerio)	13 mg/l, 96 hours	
isopropyl alcohol (CAS	67-63-0)			
Aquatic				
Acute				
Crustacea	EC50	Water flea (Daphnia magna)	7550 - 13299 mg/l, 48 hours	
Fish	LC50	Fathead minnow (Pimephales promelas)	9640 mg/l, 96 hours	
methanol (CAS 67-56-	-1)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours	
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours	
methylal (CAS 109-87	-5)			
Aquatic				
Fish	LC50	Fathead minnow (Pimephales promelas)	6261 - 7801 mg/l, 96 hours	
trans-1,2-dichloroethy	lene (CAS 156-60-	5)		
Aquatic				
Fish	LC50	Bluegill (Lepomis macrochirus)	120 - 160 mg/l, 96 hours	
Acute				
Crustacea	EC50	Water flea (Daphnia magna)	220 mg/l, 48 hours	

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

Partition coefficient n-octar	iol / water (log Kow)		
1,1,1,2-tetrafluoroethane		1.274	
decafluoropentane		2.7, Pow at 20 °C	
isopropyl alcohol		0.05	
methanol		-0.77	
methylal		0	
trans-1,2-dichloroethylene		2.06	
Bioconcentration factor (BC	CF)		
isopropyl alcohol		3.16	
Mobility in soil	No data available.		
Other adverse effects	The product contains volatile organic compounds which have a photochemical ozone creation potential.		

13. Disposal considerations

Disposal of waste from residues / unused products	The dispensed liquid product is not a RCRA hazardous waste (See 40 CFR Part 261.20 - 261.33). Empty container can be recycled. Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.
Hazardous waste code	Not regulated.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

UN number

DOT

UN1950

UN proper shipping name Transport hazard class(es)	Aerosols, non-flammable, Limited Quantity
Class	2.2
Subsidiary risk	-
Label(s)	2.2
Packing group	Not applicable.
	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None
ΙΑΤΑ	
UN number	UN1950
UN proper shipping name	Aerosols, non-flammable, Limited Quantity
Transport hazard class(es)	
Class	2.2
Subsidiary risk	-
Packing group	Not applicable.
ERG Code	2L
Other information	Read safety instructions, SDS and emergency procedures before handling.
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS, Limited Quantity
Transport hazard class(es)	
Class	2
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
15. Regulatory information	
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
TSCA Section 12(b) Export N	lotification (40 CFR 707, Subpt. D)
decafluoropentane (CAS SARA 304 Emergency releas	
Not regulated.	
OSHA Specifically Regulated	d Substances (29 CFR 1910.1001-1050)
Not regulated. US EPCRA (SARA Title III) S	ection 313 - Toxic Chemical: Listed substance
Not listed.	
CERCLA Hazardous Substar	nce List (40 CFR 302.4)
trans-1,2-dichloroethylene	(CAS 156-60-5) Listed.
CERCLA Hazardous Substar	
trans-1,2-dichloroethylene	(CAS 156-60-5) 1000 LBS
	in the loss of any ingredient at or above its RQ require immediate notification to the National 4-8802) and to your Local Emergency Planning Committee.
	112 Hazardous Air Pollutants (HAPs) List
Not regulated.	
Clean Air Act (CAA) Section	112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.	
-	
Material serves Assisting VT 2000 IM Dr	

Safe Drinking Water Act (SDWA)	Not regulated.		
FEMA Priority Substances R	espiratory Health and Safe	ety in the Flavor Manufacturing Workpla	ace
isopropyl alcohol (CAS 67	-63-0)	Low priority	
Food and Drug Administration (FDA)	Not regulated.		
Superfund Amendments and Section 311/312 Hazard categories	I Reauthorization Act of 19 Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - Yes Reactivity Hazard - No	986 (SARA)	
SARA 302 Extremely hazardous substance	No		
US state regulations			
US. California. Candidate Ch (a))	emicals List. Safer Consu	mer Products Regulations (Cal. Code R	egs, tit. 22, 69502.3, subd.
isopropyl alcohol (CAS 67 methanol (CAS 67-56-1) trans-1,2-dichloroethylene US. New Jersey Worker and	e (CAS 156-60-5)	v Act	
isopropyl alcohol (CAS 67 methanol (CAS 67-56-1) methylal (CAS 109-87-5) trans-1,2-dichloroethylene	-63-0) • (CAS 156-60-5)		
US. Massachusetts RTK - Su isopropyl alcohol (CAS 67			
methanol (CAS 67-56-1) methylal (CAS 109-87-5) trans-1,2-dichloroethylene			
US. Pennsylvania Worker an		ow Law	
isopropyl alcohol (CAS 67 methanol (CAS 67-56-1) methylal (CAS 109-87-5) trans-1,2-dichloroethylene US. Rhode Island RTK			
methanol (CAS 67-56-1) methylal (CAS 109-87-5) trans-1,2-dichloroethylene	e (CAS 156-60-5)		
US. California Proposition 65 WARNING: This product of harm.		o the State of California to cause birth defe	ects or other reproductive
US - California Propositi	on 65 - CRT: Listed date/D	evelopmental toxin	
methanol (CAS 67-56	5-1)	Listed: March 16, 2012	
Volatile organic compounds (VO EPA	C) regulations		
VOC content (40 CFR 51.100(s))	23.4 %		
Consumer products (40 CFR 59, Subpt. C)	Not regulated		
State			
Consumer products	This product is regulated a states.	s an Electronic Cleaner. This product is co	ompliant for use in all 50
VOC content (CA)	60.3 %		
VOC content (OTC)	23.4 %		
International Inventories			
	Inventory name		On inventory (yes/no)*

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	05-22-2014
Revision date	10-17-2017
Prepared by	Allison Yoon
Version #	02
Further information	CRC # 754/1002770
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0 Personal protection: B
NFPA ratings	Health: 2 Flammability: 1 Instability: 0
NFPA ratings	
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Revision Information	This document has undergone significant changes and should be reviewed in its entirety.
Revision information	This document has undergone significant changes and should be reviewed in its entirety.