

**SAFETY DATA SHEET**  
**Finished Product**



**Date-Issued: 8/5/2004**  
**SDS Ref. No: RX201-16**  
**Date-Revised: 11/6/2017**  
**Revision No: 002**

**ECG Electronics Degreaser & Wash**  
**RX201-16**


**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Brand Name</b>	RX201-16
<b>Product Description:</b>	ECG Electronics Degreaser & Wash
<b>Product Code</b>	RX201-16
<b>Marketer Contact Information:</b>	NTE Electronics, Inc. 44 Farrand Street Bloomfield, NJ 07003 973-748-5089
<b>Emergency Phone:</b>	CHEMTREC 800-424-9300

**SECTION 2. HAZARDS IDENTIFICATION**

<b>OSHA/HCS Status</b>	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
<b>Classification of the Substance or Mixture</b>	SKIN CORROSION/IRRITATION – Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION – Category 2
<b>Ingredients of Unknown Toxicity</b>	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 2%

**GHS Label Elements**

<b>Hazard Pictograms</b>	
<b>Single Word</b>	Warning
<b>Hazard Statements</b>	Causes serious eye irritation. Causes skin irritation.

**Precautionary Statements**

<b>Prevention</b>	Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling.
<b>Response</b>	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. 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 attention.
<b>Storage</b>	Not applicable
<b>Disposal</b>	Not applicable
<b>Hazards Not Otherwise Classified</b>	None known

**SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS**

<b>Substance/Mixture</b>	Mixture
<b>Other Means of Identification</b>	Fluxing agents Remover

**SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS (Cont'd)****CAS Number/Other Identifiers**

<b>CAS Number</b>	Not Applicable
<b>Product Code</b>	RX201-16

<b>Ingredient Name</b>	<b>%</b>	<b>CAS Number</b>
Trans-Dichloroethylene	50 – 70	156-60-5
Ethyl Alcohol	1 – 5	64-17-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

**SECTION 4. FIRST-AID MEASURES****Description of Necessary First Aid Measures**

<b>Ingestion</b>	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Skin Contact</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Most Important Symptoms/Effects, Acute and Delayed****Potential Acute Health Effects**

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Inhalation</b>	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Skin Contact</b>	Causes skin irritation.
<b>Ingestion</b>	Irritating to mouth, throat, and stomach.

**Over-Exposure Sign/Symptoms**

<b>Eye Contact</b>	Adverse symptoms may include the following: Pain or irritation Watering Redness
<b>Inhalation</b>	Adverse symptoms may include the following: Respiratory tract irritation Coughing

**SECTION 4. FIRST-AID MEASURES (Cont'd)****Over-Exposure Sign/Symptoms (Cont'd)**

<b>Skin Contact</b>	Adverse symptoms may include the following: Irritation Redness
<b>Ingestion</b>	No specific data.

**Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary**

<b>Notes to Physician</b>	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Specific Treatments</b>	No specific treatment.
<b>Protection of First-Aiders</b>	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**SECTION 5. FIRE FIGHTING MEASURES****Extinguishing Media**

<b>Suitable Extinguishing Media:</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable Extinguishing Media:</b>	None known.
<b>Specific Hazards Arising from the Chemical:</b>	In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from fire at high speed.
<b>Hazardous Thermal Decomposition Products</b>	Decomposition products may include the following materials: Carbon Dioxide Carbon Monoxide Halogenated Compounds Carbonyl Halides
<b>Special Protective Actions for Firefighters</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
<b>Special Protective Equipment for Firefighters</b>	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures**

<b>For Non-Emergency Personnel</b>	No action shall be taken involving any personal risk without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
<b>For Emergency Responders</b>	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For Non-Emergency Personnel".

## SECTION 6. ACCIDENTAL RELEASE MEASURES (Cont'd)

### Personal Precautions, Protective Equipment and Emergency Procedures (Cont'd)

<b>Environmental Precautions</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).
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### Methods and Materials for Containment and Cleaning Up

<b>Small Spill</b>	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternately, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
<b>Large Spill</b>	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations (See Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

<b>Protective Measures</b>	Put on appropriate personal protective equipment (See Section 8 of SDS). Pressurize container: protect from sunlight and do not expose to temperatures exceeding +50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin, and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Empty containers retain product residue and can be hazardous.
<b>Advice on General Occupational Hygiene</b>	Eating, drinking, and smoking should be prohibited in area where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
<b>Conditions for Safe Storage, Including any Incompatibilities</b>	Store in accordance with local regulations. Store away from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials (See Section 10) and food and drink. Use appropriate containment to avoid environmental contamination.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS

#### Occupational Exposure Limits

<b>Ingredient Name</b>	<b>Exposure Limits</b>
Trans-Dichloroethylene	<b>ACGIH TLV (United States, 4/2014).</b> TWA: 200ppm 8 hours. TWA: 793mg/m <sup>3</sup> 8 hours.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont'd)

### CONTROL PARAMETERS (Cont'd)

#### Occupational Exposure Limits (Cont'd)

<b>Ingredient Name</b>	<b>Exposure Limits</b>
Ethyl Alcohol	<b>ACGIH TLV (United States, 4/2014).</b> STEL: 1000ppm 15 minutes. <b>NIOSH REL: (United States, 10/2013).</b> TWA: 1900mg/m <sup>3</sup> 10 hours. TWA: 1000ppm 10 hours. <b>OSHA PEL (United States, 2/2013).</b> TWA: 1900mg/m <sup>3</sup> 8 hours. TWA: 1000ppm 8 hours. <b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 1900mg/m <sup>3</sup> 8 hours. TWA: 1000ppm 8 hours.

<b>Appropriate Engineering Controls</b>	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor, or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
<b>Environmental Exposure Controls</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### Individual Protection Measures

<b>Hygiene Measures</b>	Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Eye/Face Protection</b>	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

#### Skin Protection

<b>Hand Protection</b>	Chemical-resistant, impervious gloves, complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
<b>Body Protection</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont'd)

### CONTROL PARAMETERS (Cont'd)

#### Skin Protection (Cont'd)

<b>Other Skin Protection</b>	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
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#### Respiratory Protection

<b>Respiratory Protection</b>	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

<b>Physical State</b>	Liquid
<b>Color</b>	Clear. Colorless
<b>Odor</b>	Ethereal. (Slight)
<b>Odor Threshold</b>	Not Available.
<b>pH</b>	Not Available.
<b>Melting Point</b>	Not Available.
<b>Boiling Point</b>	+39°C (+102.2°F)
<b>Flash Point</b>	[Product does not sustain combustion]
<b>Evaporation Rate</b>	Not Available.
<b>Flammability (Solid, Gas)</b>	Not Available.
<b>Lower and Upper Explosive (Flammable) Limits</b>	<b>Lower:</b> 4.6% <b>Upper:</b> 12.8%
<b>Vapor Pressure</b>	19.3kPa (144.85mm Hg) [room temperature]
<b>Vapor Density</b>	Not Available.
<b>Relative Density</b>	1.22
<b>Solubility</b>	Not Available.
<b>Partition Coefficient: n-octanol/water</b>	Not Available.
<b>Auto-Ignition Temperature</b>	Not Available.
<b>Decomposition Temperature</b>	Not Available.
<b>Viscosity</b>	Not Available.

### Aerosol Product

<b>Type of Aerosol</b>	Spray
<b>Heat of Combustion</b>	0.84kJ/g
<b>Ignition Distance</b>	0cm
<b>Enclosed Space Ignition – Time Equivalent</b>	429s/m <sup>3</sup>
<b>Enclosed Space Ignition – Deflagration Density</b>	1781g/m <sup>3</sup>

## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical Stability</b>	This product is stable.
<b>Possibility of Hazardous Reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to Avoid</b>	No specific data.
<b>Incompatible Materials</b>	No specific data.
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11. TOXICOLOGICAL INFORMATION**  
**INFORMATION ON TOXICOLOGICAL EFFECTS**

**Acute Toxicity**

Product/Ingredient Name	Result	Species	Dose	Exposure
Trans-Dichloroethylene	LC50 Inhalation Gas	Rat	24100 ppm	4 hours
	LD50 Dermal	Rabbit	> 5g/kg	-
	LD50 Oral	Rat	1235mg/kg	-
Ethyl Alcohol	LC50 Inhalation Vapor	Rat	124700mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	7g/kg	-

**Irritation/Corrosion**

Product/Ingredient Name	Result	Species	Score	Exposure	Observation
Trans-Dichloroethylene	Eyes – Moderate Irritant	Rabbit	-	10 milligrams	-
	Skin – Moderate Irritant	Rabbit	-	24 hours 500 milligrams	-
Ethyl Alcohol	Eyes – Mild Irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes – Moderate Irritant	Rabbit	-	0.066666667 minutes 100 milligrams	-
	Eyes – Moderate Irritant	Rabbit	-	100 microliters	-
	Eyes – Severe Irritant	Rabbit	-	500 milligrams	-
	Skin – Mild Irritant	Rabbit	-	400 milligrams	-
	Skin – Moderate Irritant	Rabbit	-	24 hours 20 milligrams	-

**Sensitization**

<b>Conclusion/Summary</b>	Not Available
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**Mutagenicity**

<b>Conclusion/Summary</b>	Not Available
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**Carcinogenicity**

<b>Conclusion/Summary</b>	Not Available
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**Classification**

Product/Ingredient Name	OSHA	IARC	NTP
Ethyl Alcohol	-	1	-

**Reproductive Toxicity**

<b>Conclusion/Summary</b>	Not Available
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**Teratogenicity**

<b>Conclusion/Summary</b>	Not Available
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**Specific Target Organ Toxicity (Single Exposure)**

<b>Conclusion/Summary</b>	Not Available
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**Specific Target Organ Toxicity (Repeated Exposure)**

<b>Conclusion/Summary</b>	Not Available
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**Aspiration Hazard**

<b>Conclusion/Summary</b>	Not Available
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<b>Information on the Likely Routes of Exposure</b>	Not Available
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**SECTION 11. TOXICOLOGICAL INFORMATION (Cont'd)****Potential Acute Health Effects**

<b>Eye Contact</b>	Cases serious eye irritation.
<b>Inhalation</b>	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Skin Contact</b>	Causes skin irritation.
<b>Ingestion</b>	Irritating to mouth, throat, and stomach.

**Symptom Related to the Physical, Chemical, and Toxicological Characteristics**

<b>Eye Contact</b>	Adverse symptoms may include the following: Pain or irritation Watering Redness
<b>Inhalation</b>	Adverse symptoms may include the following: Respiratory tract irritation Coughing
<b>Skin Contact</b>	Adverse symptoms may include the following: Irritation Redness
<b>Ingestion</b>	No specific data.

**Delayed and immediate Effects and also Chronic Effects from Short and Long Term Exposure****Short Term Exposure**

<b>Potential Immediate Effects</b>	Not Available
<b>Potential Delayed Effects</b>	Not Available

**Long Term Exposure**

<b>Potential Immediate Effects</b>	Not Available
<b>Potential Delayed Effects</b>	Not Available

**Potential Chronic Health Effects**

<b>Conclusion/Summary</b>	Not Available
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<b>General</b>	No Known Significant Effects of Critical Hazards
<b>Carcinogenicity</b>	No Known Significant Effects of Critical Hazards
<b>Mutagenicity</b>	No Known Significant Effects of Critical Hazards
<b>Teratogenicity</b>	No Known Significant Effects of Critical Hazards
<b>Developmental Effects</b>	No Known Significant Effects of Critical Hazards
<b>Fertility Effects</b>	No Known Significant Effects of Critical Hazards

**Numerical Measures of Toxicity****Acute Toxicity Estimates**

<b>Route</b>	<b>ATE Value</b>
Oral	2058.3mg/kg

**SECTION 12. ECOLOGICAL INFORMATION****Toxicity**

<b>Product/Ingredient Name</b>	<b>Result</b>	<b>Species</b>	<b>Exposure</b>
Trans-Dichloroethylene	Acute LC50 220000 to 290000µg/l Fresh Water	Daphnia – Daphnia Magna	48 Hours
Ethyl Alcohol	Acute EC50 17.921mg/l Marine Water	Algae – Ulva Pertusa	96 Hours
	Acute EC50 2000µg/l Fresh Water	Daphnia – Daphnia Magna	48 Hours
	Acute LC50 25500µg/l Marine Water	Crustaceans – Artemia Franciscana - Larvae	48 Hours
	Acute LC50 42000µg/l Fresh Water	Fish – Oncorhynchus Mykiss	4 Days
	Chronic NOEC 4.995mg/l Marine Water	Algae – Ulva Pertusa	96 Hours
	Chronic – NOEC 0.375µl/L Fresh Water	Fish – Gambusia Holbrooki - Larvae	12 Weeks



**SECTION 12. ECOLOGICAL INFORMATION (Cont'd)**

**Persistence/Degradability**

<b>Conclusion/Summary</b>	Not Available
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**Bioaccumulative Potential**

<b>Product/Ingredient Name</b>	<b>LogP<sub>ow</sub></b>	<b>BCF</b>	<b>Potential</b>
Trans-Dichloroethylene	2.09	-	Low
Ethyl Alcohol	-0.35	-	Low

**Mobility in Soil**

<b>Soil/Water Partition Coefficient (K<sub>oc</sub>)</b>	Not Available
<b>Other Adverse Effects</b>	No known significant effects or critical hazards.




**SECTION 13. DISPOSAL CONSIDERATIONS**

<b>Disposal Methods</b>	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any other by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Disposal of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.
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**United States – RCRA Toxic Hazardous Waste “U” List**

<b>Ingredient</b>	<b>CAS #</b>	<b>Status</b>	<b>Reference Number</b>
1,2-Dichloroethylene; Ethene, 1,2-dichloro-, (E)-	156-60-5	Listed	U079

**SECTION 14. TRANSPORT INFORMATION**

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN Number</b>	-	-	-	UN1950	UN1950	ID800
<b>UN Proper Shipping Name</b>	Consumer Commodity ORM-D	Consumer Commodity ORM-D	Consumer Commodity ORM-D	Aerosol, Non-Flammable	AEROSOLS IN LIMITED QUANTITIES OF CLASS 2 (1,1,1,2 Tetrafluoroethane)	Consumer Commodity ID8000
<b>Transport Hazard Class(es)</b>	ORM-D	ORM-D	ORM-D	2.2 	2.2 	9 
<b>Packing Group</b>	-	-	-	-	-	-
<b>Environmental Hazards</b>	No	No	No	No	No	No
<b>Additional Information</b>	<b><u>Reportable Quantity</u></b> 1666.7lbs / 756.67kg [163.84gal / 620.22L] package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirement.	-	-	<b><u>Tunnel Code (E)</u></b>	-	-

**SECTION 14. TRANSPORT INFORMATION (Cont'd)**

<b>Special Precautions for User</b>	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
<b>Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code</b>	Not Available

**SECTION 15. REGULATORY INFORMATION****U.S. Federal Regulations**

<b>TSCA 5(a)2 – Final Significant New Rules</b>	Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-
<b>TSCA 8(a) – CDR Exempt/Partial Exemption</b>	Not Determined
<b>TSCA 12(b) – One-Time Export</b>	Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- All components are listed or exempted.
<b>Clean Water Act (CWA) 307</b>	Trans-Dichloroethylene

**Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)**

<b>Classification</b>	Not Listed
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**Clean Air Act Section 602 Class I Substances**

<b>Classification</b>	Not Listed
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**Clean Air Act Section 602 Class II Substances**

<b>Classification</b>	Not Listed
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**DEA List I Chemicals (Precursor Chemicals)**

<b>Classification</b>	Not Listed
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**DEA List II Chemicals (Essential Chemicals)**

<b>Classification</b>	Not Listed
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**SARA 302/304**

<b>Composition/Information on Ingredients</b>	No Products Were Found
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**SARA 304 RQ**

<b>Classification</b>	No Applicable
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**SARA 311/312**

<b>Classification</b>	Immediate (acute) health hazard
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**Composition/Information on Ingredients**

Name	%	Fire Hazard	Sudden Release of Pressure	Reactive	Immediate (Acute) Health Hazard	Delayed (Chronic) Health Hazard
Trans-Dichloroethylene	50 - 70	Yes	No	No	Yes	No
Ethyl Alcohol	1 - 5	Yes	No	No	Yes	No

**State Regulations**

<b>Massachusetts</b>	The following components are listed: DICHLOROETHYLENE-TRANS; ETHYL ALCOHOL; CARBON DIOXIDE
<b>New York</b>	The following components are listed: Ethene, trans-1,2-dichloro-; Dichloroethylene
<b>New Jersey</b>	The following components are listed: ETHYL ALCOHOL; ALCOHOL; CARBON DIOXIDE; CARBONIC ACID GAS
<b>Pennsylvania</b>	The following components are listed: ETHENE, 1,2-DICHLORO-, (E)-; DENATURED ALCOHOL; CARBON DIOXIDE

**SECTION 15. REGULATORY INFORMATION (Cont'd)****International Regulations****Chemical Weapon Convention List Schedules I, II & III Chemicals**

<b>Classification</b>	Not Listed
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**Montreal Protocol (Annexes A, B, C, E)**

<b>Classification</b>	Not Listed
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**Stockholm Convention on Persistent Organic Pollutants**

<b>Classification</b>	Not Listed
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**Rotterdam Convention on Prior Inform Consent (PIC)**

<b>Classification</b>	Not Listed
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**UNECE Aarhus Protocol on POPs and Heavy Metals**

<b>Classification</b>	Not Listed
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**International Lists****National Inventory**

<b>Australia</b>	All Components are Listed or Exempted.
<b>Canada</b>	All Components are Listed or Exempted.
<b>China</b>	All Components are Listed or Exempted.
<b>Europe</b>	No Determined.
<b>Japan</b>	All Components are Listed or Exempted.
<b>Malaysia</b>	No Determined.
<b>New Zealand</b>	All Components are Listed or Exempted.
<b>Philippines</b>	All Components are Listed or Exempted.
<b>Republic of Korea</b>	All Components are Listed or Exempted.
<b>Taiwan</b>	No Determined.

**SECTION 16. OTHER INFORMATION****Hazardous Material Information System (U.S.A.)**

<b>Health</b>	2
<b>Flammability</b>	2
<b>Physical Hazards</b>	0

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the national Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)**

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## **SECTION 16. OTHER INFORMATION (Cont'd)**

**Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health, and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 system to classify chemicals does so at their own risk.**

### **Further Information**

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