

**Electro Solv**

**SECTION 1 - IDENTIFICATION**

**1.1 Product Identifier**

Product Name : *Electro Solv*  
 Manufacturer Product Number : *1046A*

**1.2 Other Means of Identification**

Other Identifiers : *Not Available*

**1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**

Recommended Use : *Electric/electronic cleaner and degreaser*  
 Restrictions on Use : *None Identified*

**1.4 Supplier Details**

	Manufacturer Details	Supplier Details
Company Name	<i>Chem-Pak Inc</i>	<i>Chem-Pak Inc</i>
Address	<i>242 Corning Way, Martinsburg, WV 25405 - United States</i>	<i>242 Corning Way, Martinsburg, WV 25405 - United States</i>
Phone Number	<i>304-262-1880</i>	<i>304-262-1880</i>
Fax Number	<i>304-262-9643</i>	<i>304-262-9643</i>
Email	<i>msds@chem-pak.com</i>	
Website	<i>http://www.chem-pak.com</i>	

**1.5 24 hr Emergency Phone Number**

Emergency Number : *800-255-3924*

**SECTION 2 - HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture**

<i>Flam. Aerosol 1</i>	<i>H222</i>	<i>Physical Hazards</i>	<i>Flammable aerosol Category 1</i>
<i>Press. Gas (Comp.)</i>	<i>H280</i>	<i>Physical Hazards</i>	<i>Gases under pressure Compressed gas</i>
<i>Skin Irrit. 2</i>	<i>H315</i>	<i>Health Hazards</i>	<i>Skin corrosion/irritation Category 2</i>
<i>Eye Irrit. 2</i>	<i>H319</i>	<i>Health Hazards</i>	<i>Serious eye damage/eye irritation Category 2</i>
<i>Repr. 2</i>	<i>H361</i>	<i>Health Hazards</i>	<i>Reproductive toxicity Category 2</i>
<i>Stot Se 3</i>	<i>H336</i>	<i>Health Hazards</i>	<i>Specific target organ toxicity (single exposure) Category 3</i>
<i>Stot Re 2</i>	<i>H373</i>	<i>Health Hazards</i>	<i>Specific target organ toxicity (repeated exposure) Category 2</i>
<i>Asp. Tox. 1</i>	<i>H304</i>	<i>Health Hazards</i>	<i>Aspiration hazard Category 1</i>
<i>Aquatic Acute 3</i>	<i>H402</i>	<i>Environmental Hazards</i>	<i>Hazardous to the aquatic environment - Acute Hazard Category 3</i>
<i>Aquatic Chronic 2</i>	<i>H411</i>	<i>Environmental Hazards</i>	<i>Hazardous to the aquatic environment - Chronic Hazard Category 2</i>

**2.2 Label Elements**

Hazard Pictograms



Signal Word

**Danger**

Hazard Statements

*H222* : *Extremely flammable aerosol*  
*H280* : *Contains gas under pressure; may explode if heated*  
*H304* : *May be fatal if swallowed and enters airways*  
*H315* : *Causes skin irritation*  
*H319* : *Causes serious eye irritation*



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	H336	: May cause drowsiness or dizziness
	H361	: Suspected of damaging fertility or the unborn child
	H373	: May cause damage to organs through prolonged or repeated exposure
	H402	: Harmful to aquatic life
	H411	: Toxic to aquatic life with long lasting effects
<b>Precautionary Statements</b>	P202	: Do not handle until all safety precautions have been read and understood.
	P210	: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P211	: Do not spray on an open flame or other ignition source.
	P251	: Pressurized container: Do not pierce or burn, even after use.
	P260	: Do not breathe spray.
	P264	: Wash hands thoroughly after handling.
	P271	: Use only outdoors or in a well-ventilated area.
	P273	: Avoid release to the environment.
	P280	: Wear protective gloves and eye protection.
	P301+P310	: If swallowed: Immediately call POISON CENTER
	P302+P352	: If on skin: Wash with plenty of water
	P304+P340	: If inhaled: Remove person to fresh air and keep comfortable for breathing
	P305+P351+P338	: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
	P308+P313	: If exposed or concerned: Get medical advice/attention.
	P312	: Call physician if you feel unwell
	P314	: Get medical advice/attention if you feel unwell.
	P331	: Do NOT induce vomiting.
	P332+P313	: If skin irritation occurs: Get medical advice/attention.
	P337+P313	: If eye irritation persists: Get medical advice/attention.
	P362+P364	: Take off contaminated clothing and wash it before reuse.
	P391	: Collect spillage.
	P403	: Store in a well-ventilated place.
	P410+P412	: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
	P501	: Dispose of contents/container to local regulations

### 2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

### 2.4 Unknown acute toxicity

82% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
82% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
4% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance / Mixture

Substance / Mixture : Mixture

### 3.2 Composition

Substance name	CAS Number	% wt*	Classification
Isohexane	107-83-5	>= 60	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Isopropyl Alcohol	67-63-0	10 - 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Carbon Dioxide	124-38-9	1 - 5	Press. Gas (Comp.), H280



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Substance name	CAS Number	% wt*	Classification
N-Hexane	110-54-3	1 - 5	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

Full text of hazard classes and H-statements : see section 16

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## SECTION 4 - FIRST-AID MEASURES

### 4.1 Description of First-Aid Measures

General Measures	: Call a physician immediately.
Inhalation	: Remove person to fresh air and keep comfortable for breathing.
Skin Contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
Eye Contact	: 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.
Ingestion	: Do NOT induce vomiting. Call a physician immediately.
First-Aid Responder Protection	: Wear adequate personal protective equipment based on the nature and severity of the emergency.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms of Exposure	: Eye Irritation, Nose Irritation, Lassitude (Weakness), Dermatitis, Headache, Dizziness, Nausea, Chemical Pneumonitis (Aspiration Liquid), Numbness.
Delayed Effects	: No known delayed effects.
Immediate Effects	: Asphyxia.
Chronic Effects	: No known chronic effects.
Target Organs	: Cardiovascular System, Central Nervous System, Eyes, Peripheral Nervous System, Respiratory System, Skin.

### 4.3 Indication of Immediate Medical Attention and Special Treatment

Notes to Physician	: Treat symptomatically.
Specific Treatments/Antidotes	: No Information Available.
Medical Conditions Aggravated	: May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

## SECTION 5 - FIRE-FIGHTING MEASURES

### 5.1 Suitable Extinguishing Media

Extinguishing Media	: Water, carbon dioxide, dry chemical, universal aqueous film forming foam.
Unsuitable Media	: Water jet.

### 5.2 Specific Hazards Arising from the Chemical or Mixture

Hazardous Combustion Products	: Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.
Specific Hazards During Firefighting	: Extremely flammable. Contents under pressure. In a fire or if heated, a pressure increase will occur which may result in container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

### 5.3 Special Protective Actions for Fire-Fighters

Firefighting Instructions	: Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure.
Protection during Firefighting	: Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES



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### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- For Non-Emergency Personnel** : No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
- For Emergency Personnel** : Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.

### 6.2 Environmental Precautions

- Environmental Precautions** : Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

### 6.3 Methods and Materials for Containment and Cleaning up

- Containment Procedures** : Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents.
- Cleanup Procedures** : Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Soak up material with inert absorbent and place in safety containers for proper disposal.
- Other Information** : Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned.
- Prohibited Materials** : Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.

## SECTION 7 - HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling

- General Handling Precautions** : KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation.
- Hygiene Recommendations** : Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

### 7.2 Conditions for Safe Storage Including Any Incompatibilities

- Storage Requirements** : Storage of individual cans should be done in an area below 55°C (120 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended.
- Incompatibilities** : Segregate storage away from materials indicated in Section 10.
- NFPA 30B Classification** : This product is classified as a Level 3 Aerosol per NFPA 30B

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

#### Carbon Dioxide (124-38-9)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5000 ppm
ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	30000 ppm
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	5000 ppm
NIOSH	US IDLH (ppm)	40000 ppm
NIOSH	NIOSH REL (TWA) (ppm)	5000 ppm
NIOSH	NIOSH REL (STEL) (ppm)	30000 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	5000 ppm
California	California PEL (STEL) (mg/m <sup>3</sup> )	54000 mg/m <sup>3</sup>
California	California PEL (STEL) (ppm)	30000 ppm

#### Isohexane (107-83-5)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	500 ppm
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### Isohexane (107-83-5)

ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	1000 ppm
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
NIOSH	US IDLH (ppm)	1100 ppm
NIOSH	NIOSH REL (TWA) (ppm)	50 ppm

### N-Hexane (110-54-3)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	50 ppm
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
NIOSH	US IDLH (ppm)	1100 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	180 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	50 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	180 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	50 ppm
Biological Exposure Index	2,5-Hexanedion in urine (without hydrolysis), End of shift at end of workweek	0.4 mg/l

### Isopropyl Alcohol (67-63-0)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	200 ppm
ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	400 ppm
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
NIOSH	US IDLH (ppm)	2000 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
NIOSH	NIOSH REL (STEL) (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
NIOSH	NIOSH REL (STEL) (ppm)	500 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	400 ppm
California	California PEL (STEL) (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
California	California PEL (STEL) (ppm)	500 ppm

## 8.2 Exposure Controls

<b>Engineering Measures</b>	: Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
<b>Personal Protective Equipment</b>	
<b>Eye / Face Protection</b>	: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.
<b>Hand Protection</b>	: Chemical-resistant gloves, tested according to ASTM F903-17.
<b>Remarks</b>	: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.
<b>Skin and Body Protection</b>	: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.
<b>Respiratory Protection</b>	: An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits.
<b>Compliance</b>	: If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.
<b>Other Protective Equipment</b>	: Safety showers and eye-wash stations should be available in the workplace near where the material will be used.
<b>Environmental Exposure Controls</b>	: Avoid release to the environment.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Physical Properties

Boiling Point	> 58.33 °C	Melting / Freezing Point	> -153.70 °C
Flash Point, Liquid	> -27.00 °C	Flash Point, Propellant	Non flammable
Explosive Limits	LEL: 1.10 UEL: 12.00 vol %	Autoignition Temperature, Liquid	225.00 °C
Flammability	Extremely Flammable Aerosol	Density	0.712 g/cm <sup>3</sup>
Molecular Weight	Not Available	Weight	5.942 lbs/gal



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Vapor Pressure	Not Available	pH	Not Available
Vapor Density	Not Available	Evaporation Rate (nBAC=1)	Not Available
Viscosity	Not Available	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available
Physical State	Pressurized Product	Heat Of Combustion	17303.66 BTU/lb
Appearance / Color	Clear, Colorless	Water Solubility	Not Available
Odor	Slight	Decomposition Temperature	Not Available

### 9.2 Environmental Properties

Percent Volatile	96.00 % wt	VOC Regulatory	683.37 g/L (5.70 lbs/gal)
Percent VOC	96.00 % wt	VOC Actual	683.52 g/L (5.70 lbs/gal)
Percent HAP	0.00 % wt	HAP Content	0.00 g/L (0.00 lbs/gal)
Global Warming Potential	0.04 GWP	Maximum Incremental Reactivity	1.2140 g O3/g
Ozone Depletion Potential	0.00 ODP		

## SECTION 10 - STABILITY AND REACTIVITY

### 10.1 Reactivity

Reactivity : No specific test data related to reactivity is available for this products or its ingredients.

### 10.2 Chemical Stability

Chemical Stability : This product is stable.

### 10.3 Possibility of Hazardous Reactions

Hazardous Reactions : Under normal conditions of storage and use, hazardous reactions are not expected to occur.

### 10.4 Conditions to Avoid

Conditions to Avoid : Electrostatic Discharge, Other Ignition Sources, Heat, Flames, Sparks.

### 10.5 Incompatible Materials

Materials to Avoid : Strong Oxidizing Agents, Aluminum, Halogen Compounds, Acid Anhydrides, Acids, Chlorosulfuric Acid, Chlorine, Potassium Chlorate, Dinitrogen Tetroxide, Chlorine Dioxide.

### 10.6 Hazardous Decomposition Products

Thermal Decomposition : Oxides of carbon.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects

#### Isohexane (CAS: 107-83-5 / EC: 203-523-4)

LC50 Inhalation (Rat) > 3125 (Chevron Phillips SDS)

#### N-Hexane (CAS: 110-54-3 / EC: 203-777-6)

LD50 Oral (Rat) 29700 mg/kg (RTECS)  
LD50 Dermal (Rabbit) > 3350 mg/kg body weight (ChemInfo)  
LC50 Inhalation (Rat) 38500 ppm/4h (ChemInfo)

#### Isopropyl Alcohol (CAS: 67-63-0 / EC: 200-661-7)

LD50 Oral (Rat) 5045 mg/kg (RTECS)  
LD50 Dermal (Rabbit) 12870 mg/kg (ChemInfo)  
LC50 Inhalation (Rat) 73 mg/l/4h (Lit.)  
LC50 Inhalation (Rat) 17000 ppm/4h (ChemInfo)

Routes Of Exposure : Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure : See Section 4.2



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<b>Skin Corrosion/Irritation</b>	: Causes skin irritation.
<b>Eye Damage/Irritation</b>	: Causes serious eye irritation.
<b>Respiratory or Skin Sensitization</b>	: Not classified
<b>Germ Cell Mutagenicity</b>	: Not classified
<b>Reproductive Toxicity</b>	: Suspected of damaging fertility or the unborn child.
<b>STOT-Single Exposure</b>	: May cause drowsiness or dizziness.
<b>STOT-Repeated Exposure</b>	: May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration Hazard</b>	: May be fatal if swallowed and enters airways.
<b>Vaporizer</b>	: Aerosol
<b>Carcinogen Data</b>	: None of the ingredients in the product are listed with OSHA, IARC, NTP or ACGIH as being a suspected or known carcinogen in a concentration greater than 0.1% by weight.

## SECTION 12 - ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity and Ecological Properties

#### Carbon Dioxide (124-38-9)

Log Pow	0.83
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#### Isohexane (107-83-5)

BCF Fish	356 (BCF)
Log Pow	3.74 (Estimated value)
Bioaccumulative Potential	Bioaccumable.

#### n-Hexane (110-54-3)

LC50 Fish	2.5 mg/l Fathead Minnow - 96h
EC50 Daphnia	3878 mg/l Water Flea - 48hr
Theoretical Oxygen Demand	3.52 g O <sub>2</sub> /g substance
BCF Fish	501.187 (BCF; Other; Pimephales promelas)
Log Pow	3.9
Bioaccumulative Potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
Log Koc	2.17

#### Isopropyl Alcohol (67-63-0)

LC50 Fish	9640 mg/l Fathead Minnow - 96h
EC50 Daphnia	13299 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	> 2000 mg/l Green Algae - 72hr
Persistence and Degradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test) data on mobility of the substance available.
Biochemical Oxygen Demand	1.19 g O <sub>2</sub> /g substance
Chemical Oxygen Demand	2.23 g O <sub>2</sub> /g substance
Theoretical Oxygen Demand	2.4 g O <sub>2</sub> /g substance
Biodegradation	95 % 21 DAY
BCF Fish	-2
Log Pow	0.05 (Weight of evidence approach; Other; 25 °C)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).
Log Koc	1.4

## SECTION 13 - DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

<b>Waste Disposal</b>	: Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
<b>Waste Disposal Of Packaging</b>	: In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.
<b>Landfill Precautions</b>	: Not Available.



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Incineration Precautions : **\*\* DO NOT INCINERATE \*\* CONTENTS UNDER PRESSURE \*\*.**

## SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	: UN1950	UN1950	UN1950

14.2 UN Proper Shipping Name	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	: Aerosols, Limited Quantity	Aerosols, Flammable, Limited Quantity	Aerosols, Limited Quantity

14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	: 2.1	2.1	2.1
Labels	: None	2.1 - Flammable gas	None

Limited Quantity	: Yes	Yes	Yes
EmS Code	: Not Applicable	Not Applicable	F-D, S-U

14.4 Packing Group	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing Group	: None	None	None

14.5 Environmental Hazards	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Marine Pollutant	: No	No	No

14.6 Special Precautions
Precautions : None Identified

14.7 Transport in Bulk
Remarks : Not applicable for product as supplied

## SECTION 15 - REGULATORY INFORMATION

### 15.1 Federal Regulations

SARA Section 313 : Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

n-Hexane	CAS-No. 110-54-3	1 - 5%
Isopropyl Alcohol	CAS-No. 67-63-0	10 - 30%

TSCA Section 12(b) : This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D

CERCLA Reportable Quantity : Chemical(s) subject to reporting requirements of Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) if released to the environment at or above the reportable quantity

n-Hexane	CAS-No. 110-54-3	5000 lb
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SARA Section 311/312 Hazard Classes : None under normal use.

TSCA Inventory (United States) : All chemical substances in this product are either listed on the Toxic Substances Control Act (TSCA) Inventory or are in compliance with a TSCA Inventory exemption.



# SAFETY DATA SHEET

Part No. 1046A (Aerosol)

Print Date: 8/7/2018  
 Revision Date: 8/7/2018  
 Supersedes Date: 3/9/2017  
 Issue Date: 2/24/2003  
 Version: 8.0 (EN)-US  
 Page: 9/9

## Electro Solv

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 15.2 State Regulations

**California Proposition 65** : This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.

n-Hexane (110-54-3)	Reproductive Toxicity, Male	Yes	3.0 %
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**State Right-to-Know Lists** : The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated

Carbon Dioxide (124-38-9)	U.S. - New Jersey - Right to Know Hazardous Substance List
Isohexane (107-83-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
n-Hexane (110-54-3)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Isopropyl Alcohol (67-63-0)	U.S. - New Jersey - Right to Know Hazardous Substance List

### SECTION 16 - OTHER INFORMATION

**Indication of changes**

Section	Changed item	Change
1	Supersedes	Added
1	SDS US Regulation reference	Added
1	Revision date	Modified
1	Date of issue	Modified
2.1	GHS-US classification	Modified
2.2	Precautionary statements (GHS-US)	Modified
2.2	Hazard statements (GHS-US)	Modified
4	Symptoms/effects after inhalation	Added
4	Symptoms/effects after eye contact	Added
4.1	First-aid measures after eye contact	Modified
7.2	NFPA 30B Classification	Added
8.2	Compliance	Added
8.2	Remarks	Added
8.2	Hand Protection	Added
8.2	Environmental Exposure Controls	Added
8.2	Other Protective Equipment	Added
8.2	Eye / Face Protection	Added
8.2	Skin and Body Protection	Added
8.2	Engineering Measures	Added
8.2	Respiratory Protection	Added
9	Relative vapor density at 20 °C	Added
9	Appearance	Added
9	Melting point	Modified
9	Flash point	Modified
9	Boiling point	Modified
9	Specific gravity / density	Modified
12.1	Ecology - general	Modified
14	User Precautions	Added
14	EmS Code (Column 15 in IMDG Book 2)	Added
15	Select the Appropriate Proposition 65 Notice	Modified

**Full Text of H-Statements**

H Code	H Phrase
H225	Highly flammable liquid and vapour
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

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