



<b>Trade name:</b>	<b>Electric Motor Equipment Degreaser</b>
--------------------	---

### SECTION 1: Identification

**Product identifier used on the label:**

**Product Name:** Electric Motor Equipment Degreaser

**Other means of identification:**

**Product Code Number:** 40-620

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Cleaner / Degreaser

**Recommended restrictions:** Uses other than as recommended above

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

**Company Name:** IDEAL INDUSTRIES, INC.

**Company Address:** Becker Place,  
Sycamore, IL 60178

**Company Telephone:** Office hours (Mon – Fri)  
7AM – 5 PM (CDT)  
(815)-895-5181

**Company Contact Name:** Darryl Docter.

**Company Contact Email:** [IDEAL@IDEALINDUSTRIES.COM](mailto:IDEAL@IDEALINDUSTRIES.COM)

**Emergency phone number:** 24 HOUR EMERGENCY NUMBER:  
(815)-895-5181.

### SECTION 2: Hazard(s) identification

**Classification of the chemical in accordance with paragraph (d) of §1910.1200:**

***Physical hazards***

Flammable aerosol, category 1

***Health hazards***

Eye irritation, category 2A

Specific target organ toxicity, single exposure, category 3 (central nervous system)

***Environmental hazards***

Not adopted under OSHA paragraph (d) of §1910.1200

**GHS Signal word:** DANGER

# Electric Motor Equipment Degreaser

**GHS Hazard statement(s):** Extremely flammable aerosol  
Causes serious eye irritation.  
May cause drowsiness or dizziness.

**GHS Hazard symbol(s):**



**GHS Precautionary statement(s):**

**Prevention:**

- Keep away from heat/sparks/open flames/hot surfaces. -No smoking.
- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Avoid breathing dust/fume/gas/mist/ vapors/spray.
- Wash thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear eye protection/face protection.

**Response:**

- If inhaled: Remove person to fresh air and keep comfortable for breathing.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Call a poison center/doctor if you feel unwell.
- If eye irritation persists: Get medical advice/attention.

**Storage:**

- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**Disposal:**

- Dispose of contents/container to an approved disposal site in accordance with local/regional/national/ international regulations.

**Hazard(s) not otherwise classified (HNOC):**

None known.

**Percentage of ingredient(s) of unknown acute toxicity:**

8% of the mixture consists of ingredients of unknown acute toxicity (oral/dermal).

18% of the mixture consists of ingredients of unknown acute toxicity (inhalation).

# Electric Motor Equipment Degreaser

## SECTION 3: Composition/information on ingredients

### Mixture:

Chemical name	CAS#	Concentration (weight %)
Acetone	67-64-1	80 - 90%
Aliphatic Petroleum Solvent	64742-89-8	8 - 10%
Carbon Dioxide	124-38-9	5 - 8%

Note: The balance of the ingredients is not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

## SECTION 4: First-aid measures

### Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

**Inhalation:** Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Seek medical advice.

**Skin contact:** Remove contaminated clothing. Wash with water and soap and rinse thoroughly. Seek medical advice if irritation or pain develops.

**Eye contact:** In case of eye contact, rinse with plenty of water for at least 15 minutes. If irritation from exposure to vapor develops, move to fresh air. Get medical attention if symptoms develop.

**Ingestion:** Do NOT induce vomiting. Get medical attention immediately. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything by mouth to an unconscious person.

### Most important symptoms/effects, acute and delayed:

Causes serious eye irritation. May cause drowsiness or dizziness.

### Indication of immediate medical attention and special treatment needed:

If any symptoms are observed, contact a physician and give them this SDS sheet. Provide general supportive measures and treat symptomatically.

## SECTION 5: Fire-fighting measures

### Suitable (and unsuitable) extinguishing media:

In case of fire use dry chemical, CO<sub>2</sub>, water spray (fog) or foam to extinguish.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

# Electric Motor Equipment Degreaser

## **Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):**

Flammable aerosol. Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.

Hazardous combustion products may include the following substances: Carbon monoxide, carbon dioxide (CO<sub>2</sub>), hydrocarbons, fluorine-based products.

## **Special protective equipment and precautions for fire-fighters:**

Containers should be cooled with water to prevent vapor pressure build up. Cool containers with flooding quantities of water until well after fire is out. Move containers from fire area if you can do so without risk. For fire involving this material, do not enter any enclosed or confined fire space without proper protective equipment. Use self-contained breathing apparatus with full face shield to protect against the hazardous effects of combustion products and oxygen deficiencies. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

## **SECTION 6: Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures:**

No action shall be taken involving any personal risk or without suitable training. Evacuate danger area. Vapors may ignite explosively and spread long distances. Prevent vapor build-up. Remove all ignition sources, Stay upwind and away from spill/release.

For large spillages, notify persons downwind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

### **Methods and materials for containment and cleaning up:**

Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required. Dispose of all contaminants according to federal, state, and local regulations. See Section 13 for information on appropriate disposal.

## **SECTION 7: Handling and storage**

### **Precautions for safe handling:**

Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture, crush or incinerate containers, even when empty.

# Electric Motor Equipment Degreaser

## Conditions for safe storage, including any incompatibles:

Keep container tightly closed in a cool, well-ventilated place. Store in a cool, well-ventilated area, away from incompatible materials. Do not store above 120°F or in direct sunlight. Keep away from incompatible materials (see Section 10) and food / feedstuffs. Protect container(s) against physical damage.

## SECTION 8: Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Substance	US OSHA PELs		US ACGIH TLVs		NIOSH OELs	
	TWA (8 hour)	STEL (15 min)	TWA (8 hour)	STEL (15 min)	IDLH	TWA (8hr)
Acetone	1000 ppm 2400 mg/m <sup>3</sup>	No data available	250 ppm	500 ppm	2500 ppm (10% LEL)	250 ppm 590 mg/m <sup>3</sup>
Aliphatic Petroleum Solvent	No data available	No data available	No data available	No data available	No data available	No data available
Carbon Dioxide	5000 ppm 9000 mg/m <sup>3</sup>	No data available	5000 ppm	30000 ppm	40000 ppm	TWA 5000 ppm, 9000 mg/m <sup>3</sup>  STEL 30000 ppm, 54000 mg/m <sup>3</sup>

## Appropriate engineering controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

If exposure limits have not been established, maintain airborne levels to an acceptable level.

Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Concentrations should be monitored hazardous substances in the workplace in accordance with recognized test methods. Mode, method, type and frequency of testing and measurement of harmful factors in the working environment should meet the requirements of local/regional/national laws.

## Individual protection measures, such as personal protective equipment:

**Eye/face protection:** Safety goggles recommended where eye contact is possible. Use equipment for eye protection tested and approved under NIOSH standards.

# Electric Motor Equipment Degreaser

**Skin and hand protection:** None normally required. If worn, use neoprene. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Respiratory protection:** None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

**General hygiene considerations:** The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with eyes and skin. DO not eat or drink while working.

## SECTION 9: Physical and chemical properties

### Appearance (physical state, color, etc.):

**Physical state:** Liquid / aerosol

**Color:** Colorless

**Odor:** Solvent

**Odor threshold:** Not determined

**pH:** Not applicable

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** 143.6F (62.2C)

**Flash point:** -4F (-20C)

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Extremely flammable aerosol

### Upper/lower flammability or explosive limits

**Flammability limit – lower (%):** Not determined

**Flammability limit – upper (%):** Not determined

**Explosive limit – lower (%):** Not determined

**Explosive limit – upper (%):** Not determined

**Vapor pressure:** 45 - 60 psig @ 70F

**Vapor density:** Not determined

**Relative density:** 0.8283 g/cm<sup>3</sup>

**Solubility (ies):** Partially Soluble in Water

**Partition coefficient (n-octanol/water):** Not determined

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

# Electric Motor Equipment Degreaser

## SECTION 10: Stability and reactivity

- Reactivity:** No hazardous reactions anticipated under normal storage and handling conditions.
- Chemical stability:** Stable under normal ambient and anticipated conditions of use
- Possibility of hazardous reactions:** May react with strong oxidizers generating heat.
- Conditions to avoid:** Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers. Do not allow the can contents to exceed flash point. Do not warehouse in subfreezing temperatures.
- Incompatible materials:** Materials to avoid include strong oxidizers.
- Hazardous decomposition products:** Carbon monoxide, carbon dioxide, hydrocarbons.

## SECTION 11: Toxicological information

### Information on likely routes of exposure:

- Inhalation:** Expected to be a route of exposure
- Ingestion:** Expected to be a route of exposure
- Skin:** Expected to be a route of exposure
- Eyes:** Expected to be a route of exposure

### Symptoms related to the physical, chemical, and toxicological characteristics:

Causes serious eye irritation. May cause drowsiness or dizziness.

### Delayed and immediate effects and chronic effects from short or long-term exposure:

No further information is available.

### Numerical measures of toxicity (such as acute toxicity estimates):

**Acute Toxicity:** Does not meet the criteria for classification.

Substance	Test Type (species)	Value
Acetone	LD <sub>50</sub> Oral (Rat)	5800 mg/kg
	LD <sub>50</sub> Dermal (Rabbit)	> 7426 mg/kg
	LC <sub>50</sub> Inhalation (Rat)	132 mg/L air 3h
Aliphatic Petroleum Solvent	LD <sub>50</sub> Oral (Rat)	> 8000 mg/kg
	LD <sub>50</sub> Dermal (Rabbit)	> 4000 mg/kg
	LC <sub>50</sub> Inhalation (Rat)	3400 ppm 4h
Carbon Dioxide	LD <sub>50</sub> Oral (Rat)	None known
	LD <sub>50</sub> Dermal (Rabbit)	None known
	LC <sub>50</sub> Inhalation (Rat)	None known

**Skin corrosion/irritation:** Does not meet the criteria for classification.

**Serious eye damage/eye irritation:** Causes serious eye irritation.

## Electric Motor Equipment Degreaser

<b>Respiratory or skin sensitization:</b>	Does not meet the criteria for classification.
<b>Germ cell mutagenicity:</b>	Does not meet the criteria for classification.
<b>Carcinogenicity:</b>	Does not meet the criteria for classification.
<b>Reproductive toxicity:</b>	Does not meet the criteria for classification.
<b>STOT – Single exposure:</b>	May cause drowsiness or dizziness.
<b>STOT – Repeat exposure:</b>	Does not meet the criteria for classification
<b>Aspiration hazard:</b>	Does not meet the criteria for classification.

**If the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:**

Chemical Name	ACGIH	IARC	NTP	OSHA
Acetone	A4 - Not Classifiable as a Human Carcinogen	Not listed	Not listed	Not listed
Aliphatic Petroleum Solvent	Not listed	Not listed	Not listed	Not listed
Carbon Dioxide	Not listed	Not listed	Not listed	Not listed

### SECTION 12: Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):**

Substance	Test Type	Species	Value
Acetone	LC <sub>50</sub>	Fish - <i>Oncorhynchus mykiss</i>	5540 mg/L 96 h
	EC <sub>50</sub>	Aquatic Invertebrates - <i>Daphnia magna</i>	8800 mg/L 48 h
	EC <sub>10</sub>	Algae <i>Microcystis aeruginosa</i>	530 mg/L 8d
Aliphatic Petroleum Solvent	LL <sub>50</sub>	Fish - <i>Oncorhynchus mykiss</i>	10 mg/L
	EL <sub>50</sub>	Aquatic Invertebrates - <i>Daphnia magna</i>	4.5 mg/L
	EL <sub>50</sub>	Algae - <i>Pseudokirchneriella subcapitata</i>	4700 mg/L 72h
Carbon dioxide	LC <sub>50</sub>	Fish	None known
	LC <sub>50</sub>	Aquatic Invertebrates	None known
	EC <sub>50</sub>	Algae	None known

**Persistence and Degradability:**  
Not determined



# Electric Motor Equipment Degreaser

**Bioaccumulative Potential:**

Not determined

**Mobility in Soil:**

Not determined.

**Other adverse effects (such as hazardous to the ozone layer):**

None known

## SECTION 13: Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.**

**Product**

Dispose of waste materials in accordance with applicable local and national laws and regulations. Where possible, recycling is preferred to disposal or incineration. Contact the proper local authorities.

**Contaminated packaging**

Since emptied containers retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport Information

**US Department of Transportation Classification (49CFR)**

UN 1950, Aerosols, 2.1.

**IMDG (Transport by sea)**

UN 1950, Aerosols, 2.1.

**IATA (Country variations may apply)**

UN 1950, Aerosols, 2.1.

**Limited Quantities:** Less than or equal to 1 Liter

**Environmental hazards**

Marine pollutant: No

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)**

Not applicable

**Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.**

None known

## SECTION 15: Regulatory Information

**USA:**

# Electric Motor Equipment Degreaser

**United States Federal Regulations:** This SDS complies with the OSHA, 29 CFR 1910.1200. The product is classified as hazardous under OSHA.

**Toxic Substances Control Act (TSCA)** – All of the ingredients are listed on the U.S. EPA TSCA Inventory List.

**Emergency Planning and Community Right To-Know Act (EPCRA) Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):**  
None of the components are listed

**SARA HAZARD DESIGNATION SECTIONS 311/312 (40 CFR 370 (amended 2018)):**

Flammable (gases, aerosols, liquids or solids)  
Serious eye damage or eye irritation  
Specific target organ toxicity (single or repeated exposure).

**Section 313 Toxic Chemicals (40 CFR 372.65):**  
None of the components are listed

## STATE REGULATIONS:

This SDS contains specific health and safety data that is applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

**California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986:** None listed

**Massachusetts Right to Know:** Acetone and carbon dioxide are listed on the Massachusetts Right to Know list.

**New Jersey Right to Know** Acetone and carbon dioxide are listed on the New Jersey Right to Know List.

**Pennsylvania Right to Know:** Acetone and carbon dioxide are listed on the Pennsylvania Right to Know List.

## SECTION 16: Other Information

Revision Date: June 15, 2023

### DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However IDEAL INDUSTRIES INC. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist