



# Safety Data Sheet

May be used to comply with  
OSHA’s Hazard Communication Standard 29 CFR 1910.1200.  
This standard must be consulted for specific requirements.

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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<b>Product Name:</b>	Wax Wire Pulling Lubricant	<b>Drawing Number:</b>	58-97-4136
		<b>Issue Date:</b>	January 2024
		<b>Supersedes Date:</b>	Not applicable
<b>Milwaukee Electric Tool Corporation</b>		<b>Company Phone Number:</b>	262-781-3600 or
13135 West Lisbon Road			1-800-729-3878
Brookfield, Wisconsin 53005		<b>Emergency Contact Number:</b>	1-800-424-9300
www.milwaukeeetool.com			Chemtrec: United States only

Recommended intended purpose to be used as a lubricant

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## SECTION 2: HAZARDS IDENTIFICATION

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### GHS INFORMATION

**Classification:** Carcinogenicity, Category 2

### LABEL ELEMENTS

**Hazard Pictogram(s):**



**Signal Word:** Warning  
**Hazard Statements:** Suspected of causing cancer.

### Precautionary Statements

<b>Prevention:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye protection.
<b>Response:</b>	IF exposed or concerned: Get medical attention.
<b>Storage:</b>	Store locked up.
<b>Disposal:</b>	Dispose of contents and container in accordance with applicable regional, national and local laws and regulations.

**Hazards Not Otherwise Classified:** Not applicable.  
**Ingredients with Unknown Toxicity:** None.

This material is considered hazardous by the OSHA Hazard Communication Standard, (29 CFR 1910.1200).

This material is considered hazardous by the Hazardous Products Regulations

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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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Components listed in this section may contribute to the potential hazards associated with exposure to the concentrate. The product may contain additional non-hazardous or trade-secret components.

Chemical Name	CAS #	Concentration <sup>1</sup>
Coconut diethanolamide; DEA	68603-42-9	≥0.1 - ≤1

<sup>1</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume

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### SECTION 4: FIRST AID MEASURES

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#### EYE CONTACT:

If in eyes: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.

**Acute and delayed symptoms and effects:** May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

#### SKIN CONTACT:

If on skin: Wash with plenty of water. Call a poison center or doctor if you feel unwell.

**Acute and delayed symptoms and effects:** May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

#### INHALATION:

If inhaled: Call a poison center or doctor if you feel unwell.

**Acute and delayed symptoms and effects:** May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

#### INGESTION:

If swallowed: Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Acute and delayed symptoms and effects:** May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### NOTE TO PHYSICIAN:

Symptoms may not appear immediately.

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### SECTION 5: FIRE FIGHTING MEASURES

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#### NFPA 704 Hazard Class

No data.

#### HMIS

No data.

#### EXTINGUISHING MEDIA:

In accordance with NFPA guidance, dry chemical, foam, or CO2 fire extinguishers are all acceptable. Note that while water fog extinguishers are also acceptable, **DO NOT** apply a direct stream of water onto burning product because it may cause spreading and increase fire intensity.

#### UNUSUAL FIRE & EXPLOSION HAZARDS:

No further data known.

**FIRE-FIGHTING PROCEDURES AND EQUIPMENT:**

Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage. See Section 8 of the MSDS for other PPE to be worn as conditions warrant.

See Section 9 for Flammable Properties including Flash Point and Flammable (explosive) limits.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>Emergency Procedures:</b>	Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.
<b>Personal Precautions:</b>	Do not touch or walk through spilled material. Use personal protection recommended in Section 8.
<b>Environmental Precautions:</b>	Keep out of drains, sewers, ditches, and waterways.
<b>Methods for Containment:</b>	Stop leak if without risk. Do not flush to sewer or allow to enter waterways.
<b>Methods for Clean-Up:</b>	Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
<b>Other Information:</b>	See Section 13 for disposal considerations.

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**SECTION 7: HANDLING AND STORAGE**

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**Handling:**

Do not swallow. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. See Section 8 for information on Personal Protective Equipment.

**Storage:**

Store locked up. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

**SPECIAL COMMENTS:**

No further data known.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.

Chemical Name	OSHA PEL	ACGIH TLV	California Prop 65 Reg. Y/N	IARC/NTP Y/N
Coconut Diethanolamide	N/A	N/A	Y	Y

### EYE PROTECTION

Wear eye protection appropriate to prevent eye exposure. Where splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended.

### SKIN PROTECTION:

Gloves are normally needed during normal conditions of use. If health effects are experienced, oil or chemical resistant gloves such as butyl or nitrile are recommended.

Where splashing or soaking is likely, wear oil or chemical resistant clothing to prevent exposure.

### RESPIRATORY PROTECTION:

A respirator may be worn to reduce exposure to vapors, dust, or mist. Select a NIOSH/MSHA approved respirator appropriate for the type and physical character of the airborne material. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration has not been confirmed to be below safe levels. Respirator use should comply with the OSHA Respirator Protection Standard found in CFR 1910.134.

### ENGINEERING CONTROLS:

Normal general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practicable levels. Ventilation should at a minimum, prevent airborne concentrations from exceeding any exposure limits listed in Section 2 of this MSDS.

The user may wish to refer to 29 CFR 1910.1000 (d) (2) and the ACGIH "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices" (Appendix C) for the determination of exposure limits of mixtures. An industrial hygienist or similar professional may be consulted to confirm that the calculated exposure limits apply.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Data represent typical values and are not intended to be specifications. NA=Not Applicable; ND=No Data

<b>Physical state:</b> ..... Liquid	<b>Flammability (solid, gas):</b> ..... NA
<b>Colour:</b> ..... Colorless	<b>Upper Explosive Limits (vol % in air):</b> ..... ND
<b>Odor:</b> ..... Odourless	<b>Lower Explosive Limits (vol % in air):</b> ..... ND
<b>Odor Threshold:</b> ..... ND	<b>Vapor pressure:</b> ..... ND
<b>pH:</b> ..... ND	<b>Vapor density:</b> ..... ND
<b>Melting/Freezing Point:</b> ..... ND	<b>Relative density:</b> ..... ND
<b>VOC Content:</b> ..... ND	<b>Solubility:</b> ..... Miscible in water.
<b>Boiling Point:</b> ..... ND	<b>Partition Coefficient:</b> ..... ND
<b>Flash Point:</b> ..... ND	<b>Auto-ignition Temperature:</b> ..... ND
<b>Evaporation Rate:</b> ..... ND	<b>Decomposition Temperature:</b> ..... ND
<b>Specific Gravity:</b> ..... ND	<b>Viscosity:</b> ..... ND

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## SECTION 10: STABILITY AND REACTIVITY

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<b>Reactivity:</b>	Contact with incompatible materials. Exposure to heat.
<b>Chemical Stability:</b>	Stable under normal storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None known.
<b>Conditions to Avoid:</b>	Contact with incompatible materials. Exposure to heat.
<b>Incompatible Materials:</b>	Strong oxidizers.
<b>Hazardous Decomposition Products:</b>	Not available.

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## SECTION 11: TOXICOLOGY INFORMATION

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### EFFECTS OF ACUTE EXPOSURE

#### Product Toxicity

<b>Oral:</b>	Not available.
<b>Dermal:</b>	Not available.
<b>Inhalation:</b>	Not available.

#### Component Toxicity

Component	CAS No.	LD50 oral	LD50 dermal	LC50
Coconut diethanolamide	68603-42-9	12.4 mL/kg (rat)	Not available.	Not available.

**Likely Routes of Exposure:** Eye contact. Skin contact. Inhalation. Ingestion.

**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system.

**Symptoms (including delayed and immediate effects) Inhalation:** May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Eye:** May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Skin:** May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

**Ingestion:** May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**Skin Sensitization:** Not available.

**Respiratory Sensitization:** Not available.

**Medical Conditions Aggravated By Exposure:** Not available.

**EFFECTS OF CHRONIC EXPOSURE (from short and leong-term exposure)**

**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system.  
**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation.  
**Carcinogenicity:** May cause cancer.

**Component Carcinogenicity**

<b>Component</b>	<b>ACGIH</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>	<b>Prop 65</b>
Coconut diethanolamide	Not listed.	Group 2B	Not listed.	OSHA Carcinogen.	Listed.

**Mutagenicity:** Not available.

**Reproductive Effects:** Not available.

**Developmental Effects**

**Teratogenicity:** Not available.

**Embryotoxicity:** Not available.

**Toxicologically Synergistic Materials:** Not available.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**ECOTOXICOLOGICAL INFORMATION:**

This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.

**TOXICITY:**

No data available

**PERSISTENCE AND DEGRADABILITY (BIOPERSISTENCY & BIODEGRADABILITY):**

No data available

**POTENTIAL OF BIOACCUMULATION:**

No data available

**MOBILITY IN SOIL:**

No data available

**OTHER ADVERSE EFFECTS:**

No data available

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL:**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

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**SECTION 14: TRANSPORT INFORMATION**

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**DOT HAZARDOUS MATERIAL INFORMATION:**

Not otherwise DOT regulated.

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**SECTION 15: REGULATORY INFORMATION**

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**FEDERAL REGULATIONS:****SARA 313:**

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**Clean Water Act / Oil Pollution Act:**

This product contains mineral oil and is subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

**CERCLA Reportable Quantity:**

Any components listed below have been assigned a reportable quantity (RQ) by the Federal EPA. Releases of the product into the environment that exceed the RQ for a particular component must be reported to the National Response Center at 1-800-424-8802.

**Toxic Substance Control Act:**

The components of this product are listed on the TSCA Inventory.

**Ozone Depleting Substances:**

This product contains no ozone depleting substances as defined by the Clean Air Act.

**Hazardous Air Pollutants:**

Any components listed below are defined by the Federal EPA as hazardous air pollutants.

**STATE REGULATIONS:**

This product contains mineral oil, and as used, may be regulated by the state used oil regulations. Check with the appropriate state agency to determine whether such a regulation exists.


**Massachusetts:** The following components are listed: Coconut diethanolamide

**New York:** None of the components are listed.

**New Jersey:** None of the components are listed.

**Pennsylvania:** The following components are listed: Coconut diethanolamide

**California Prop. 65**

 **WARNING:** This product can expose you to coconut oil diethanolamine which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

No other data known.

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## SECTION 16: OTHER INFORMATION

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### ABBREVIATIONS:

**TSCA**..... Toxic Substance Control Act  
**ICAO**..... International Civil Aviation Organization  
**IMDG**.....International Maritime Dangerous  
**OSHA**..... Occupational Safety and Health  
**IARC/NTP** .....International Agency for Research on Cancer/National Toxicology Program  
**SARA** ..... Superfund Amendments and Reauthorization Act of 1986  
**ACGIH**..... American Conference of Governmental Industrial Hygienists  
**NIOSH/MSHA** ..... National Institute for Occupational Safety Health/  
Mine Safety and Health Administration  
**WHMIS** ..... Workplace Hazardous Materials Information System

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