



Delivering the Right Results

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Abrasive Discs, Silicon Carbide</b>
<b>Other means of identification</b>	
<b>SDS number</b>	02380
<b>Part Number</b>	809-171, 810-033-100, 810-034-100, 810-034-500, 810-035-100, 810-036-100, 810-036-500, 810-217-300, 810-217-PRM, 810-219-300, 810-219-PRM, 810-221-300, 810-221-PRM, 810-223-300, 810-223-PRM, 810-225-300, 810-225-PRM, 810-227-300, 810-227-PRM, 810-229-300, 810-229-PRM, 810-235-PRM, 810-237-PRM, 810-239-PRM, 810-241-PRM, 810-243-PRM, 810-245-300, 810-245-PRM, 810-247-300, 810-247-PRM, 810-249-300, 810-249-PRM, 810-251-300, 810-251-PRM, 810-253-300, 810-253-PRM, 810-255-300, 810-255-PRM, 810-257-300, 810-257-PRM, 810-259-300, 810-259-PRM, 810-261-300, 810-261-PRM, 810-263-300, 810-263-PRM, 810-265-300, 810-265-PRM, 810-267-300, 810-267-PRM, 810-269-300, 810-269-PRM, 810-291-300, 810-291-PRM, 810-292-300, 810-292-PRM, 810-293-300, 810-293-PRM, 810-294-300, 810-294-PRM, 810-295-300, 810-295-PRM, 810-296-300, 810-296-PRM, 810-297-300, 810-297-PRM, 810-425-PRM, 810-426-PRM, 810-427-PRM, 810-428-PRM, 810-429-PRM, 810-430-PRM, 810-856-100, 810-857-100, 810-858-100, 810-859-100, 810-859-500, 810-886-100, 811-651-318, 811-651-319, 811-651-320, 811-651-321, 811-651-322, 811-651-323, 811-651-324, 811-651-325, 811-651-326, 811-651-327, 811-651-328, 811-651-329, 811-651-342, 811-651-343, 811-651-344, 811-651-345, 811-651-346, 811-651-347, 812-201-PRM, 812-202-PRM, 812-203-PRM, 812-204-PRM, 812-205-PRM, 812-206-PRM, 812-207-PRM, 812-208-PRM, 812-209-PRM, 812-210-PRM, 812-211-PRM, 812-212-PRM, 812-213-PRM, 812-214-PRM, 812-217-200, 812-218-200, 812-219-200, 812-220-200, 812-221, 812-222, 812-367-300, 812-368-300, 812-369-300, 812-370-300, 812-371-300, 812-372-300, 812-373-300, 812-374-300, 812-375-300, 812-376-300, 812-377-300, 812-378-300, 812-379-300, 812-380-300
<b>Recommended use</b>	Not available.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Supplier</b>	
<b>Company name</b>	LECO Corporation
<b>Address</b>	3000 Lakeview Avenue St. Joseph, MI 49085 United States
<b>Telephone</b>	269-983-5531
<b>Website</b>	www.leco.com
<b>E-mail</b>	info@leco.com
<b>Emergency phone number</b>	Chemtrec: 800-424-9300 Chemtrec Int'l: 703-527-3887

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.

<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	Not applicable.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Cellulose		9004-34-6	30 - < 60
Polyester		25038-59-9	10 - < 30
SILICON CARBIDE		409-21-2	10 - < 30
Urea-formaldehyde Polymer		9011-05-6	5 - < 10
Paraffin waxes and Hydrocarbon waxes		8002-74-2	1 - < 5

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with plenty of water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product.
<b>Methods and materials for containment and cleaning up</b>	Pick up and arrange disposal without creating dust.
<b>Environmental precautions</b>	Not available.

### 7. Handling and storage

<b>Precautions for safe handling</b>	Observe good industrial hygiene practices. Provide adequate ventilation.
<b>Conditions for safe storage, including any incompatibilities</b>	Room temperature - normal conditions.

## 8. Exposure controls/personal protection

### Occupational exposure limits

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

Components	Type	Value	Form
Cellulose (CAS 9004-34-6)	PEL	5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup>	Respirable fraction. Total dust.
SILICON CARBIDE (CAS 409-21-2)	PEL	5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup>	Respirable fraction. Total dust.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Cellulose (CAS 9004-34-6)	TWA	10 mg/m <sup>3</sup>	
Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)	TWA	2 mg/m <sup>3</sup>	Fume.
SILICON CARBIDE (CAS 409-21-2)	TWA	0.1 fibers/cm <sup>3</sup> 3 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	Fiber. Respirable fraction. Inhalable fraction.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Cellulose (CAS 9004-34-6)	TWA	5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	Respirable. Total
Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)	TWA	2 mg/m <sup>3</sup>	Fume.
SILICON CARBIDE (CAS 409-21-2)	TWA	5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	Respirable. Total

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls** Provide adequate ventilation.

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

**Eye/face protection** If contact is likely, safety glasses with side shields are recommended.

#### Skin protection

**Hand protection** For prolonged or repeated skin contact use suitable protective gloves. Suitable gloves can be recommended by the glove supplier.

**Other** Wear suitable protective clothing. Impervious gloves. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

**Respiratory protection** Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

**Physical state** Solid.  
**Form** Solid.  
**Color** Not available.

**Odor** Odorless.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</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.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	Trace amount of ammonia & formaldehyde

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion</b>	Expected to be a low ingestion hazard. However, ingestion is not likely to be a primary route of occupational exposure.
<b>Inhalation</b>	Inhalation of dusts may cause respiratory irritation.
<b>Skin contact</b>	May be irritating to the skin.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

<b>Acute toxicity</b>	Not available.
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

<b>Respiratory sensitization</b>	Due to lack of data the classification is not possible.
<b>Skin sensitization</b>	Due to lack of data the classification is not possible.
<b>Germ cell mutagenicity</b>	Due to lack of data the classification is not possible.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

<b>Reproductive toxicity</b>	Due to lack of data the classification is not possible.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not available.

## 12. Ecological information

<b>Ecotoxicity</b>	Ecological injuries are not known or expected under normal use.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Not available.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**US federal regulations** All components are on the U.S. EPA TSCA Inventory List.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Cellulose (CAS 9004-34-6)

Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)

SILICON CARBIDE (CAS 409-21-2)

**US. New Jersey Worker and Community Right-to-Know Act**

Cellulose (CAS 9004-34-6)

Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)

SILICON CARBIDE (CAS 409-21-2)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Cellulose (CAS 9004-34-6)

Paraffin waxes and Hydrocarbon waxes (CAS 8002-74-2)

SILICON CARBIDE (CAS 409-21-2)

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
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**

<b>Issue date</b>	06-16-2014
<b>Version #</b>	01
<b>HMIS® ratings</b>	Health: 1 Flammability: 0 Physical hazard: 0
<b>NFPA ratings</b>	Health: 1 Flammability: 0 Instability: 1

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.