



SAFETY DATA SHEET

1. Identification

Material name: COL-CRETE LQD COL - 1YD INCR MAPLEWOOD

Material: CCCL Y001 460

Recommended use and restriction on use

Recommended use: Pigment

Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

EUCLID CHEMICAL COMPANY
19218 REDWOOD ROAD
CLEVELAND OH 44110
US

Contact person:

Telephone:

Emergency telephone number:

EH&S Department

216-531-9222

1-800-424-9300 (US); 1-613-996-6666 (Canada)

2. Hazard(s) identification

Hazard Classification

Not classified

Label Elements

Hazard Symbol: No symbol

Signal Word: No signal word.

Hazard Statement: not applicable

Precautionary Statement: not applicable

Other hazards which do not result in GHS classification:

None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	CAS number	Content in percent (%) [*]
Iron oxide	1309-37-1	10 - 30%
Propylene glycol	57-55-6	3 - 7%
Sodium hydroxide	1310-73-2	0.1 - 1%

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures



Notification Procedures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Environmental Precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Precautions for safe handling: Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities: Store away from incompatible materials. Store in original tightly closed container.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	type	Exposure Limit Values	Source
Iron oxide - Respirable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (2011)
Iron oxide - Fume.	PEL	10 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Sodium hydroxide	Ceiling	2 mg/m3	US. ACGIH Threshold Limit Values (2011)
	PEL	2 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)

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

General information:	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances, such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.
Eye/face protection:	Wear safety glasses with side shields (or goggles).
Skin Protection	
Hand Protection:	Use suitable protective gloves if risk of skin contact.
Other:	Wear suitable protective clothing.
Respiratory Protection:	In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.
Hygiene measures:	Observe good industrial hygiene practices.

9. Physical and chemical properties**Appearance**

Physical state:	liquid
Form:	liquid
Color:	Brown
Odor:	Mild
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	No data available.
Evaporation rate:	Slower than Ether
Flammability (solid, gas):	No
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	Vapors are heavier than air and may travel along the floor and in the bottom of containers.
Relative density:	1.8
Solubility(ies)	
Solubility in water:	Practically Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.



Serious Eye Damage/Eye Irritation

Product: No data available.

Specified substance(s):

Iron oxide in vivo (Rabbit, 1 - 72 hrs): Not irritating
Propylene glycol (Human): Irritating
Sodium hydroxide in vivo (Rabbit, 1 d): 10% Sodium Hydroxide- Category 1; 0.5% Sodium Hydroxide- Slightly irritating to eyes

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects:

No data available.



Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Specified substance(s):

Propylene glycol Log Kow: -0.92

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

13. Disposal considerations

Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated Packaging: No data available.

14. Transport information

TDG:

Not Regulated

CFR / DOT:

Not Regulated

IMDG:

Not Regulated

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Sodium hydroxide	1000 lbs.



Inventory Status:

Australia AICS:	All components in this product are listed on or exempt from the Inventory.
Canada DSL Inventory List:	All components in this product are listed on or exempt from the Inventory.
EINECS, ELINCS or NLP:	One or more components in this product are not listed on or exempt from the Inventory.
Japan (ENCS) List:	One or more components in this product are not listed on or exempt from the Inventory.
China Inv. Existing Chemical Substances:	All components in this product are listed on or exempt from the Inventory.
Korea Existing Chemicals Inv. (KECI):	All components in this product are listed on or exempt from the Inventory.
Canada NDSL Inventory:	One or more components in this product are not listed on or exempt from the Inventory.
Philippines PICCS:	All components in this product are listed on or exempt from the Inventory.
US TSCA Inventory:	One or more components in this product are not listed on or exempt from the Inventory.
New Zealand Inventory of Chemicals:	All components in this product are listed on or exempt from the Inventory.
Japan ISHL Listing:	One or more components in this product are not listed on or exempt from the Inventory.
Japan Pharmacopoeia Listing:	One or more components in this product are not listed on or exempt from the Inventory.

16. Other information, including date of preparation or last revision

Revision Date:	08/04/2015
Version #:	1.0
Further Information:	No data available.

Record of Road Test

Motor Carrier: **Chaney Enterprises**
Address: **2410 Evergreen Road**
Gambrills, MD 21054

Road Test Given By: **Chaney Enterprises**
Address: **2410 Evergreen Road**
Gambrills, MD 21054

Driver's Name: ADAM EDGAR SEIS
Address: 33250 DAGES ROAD P.O.
PARSONS BURG, M.D. 21849

License No.: G-200-031-172-247
State: M.D. Exp: 03-28-2019
Equipment Driven: MIXER

Please assess the level of skill and competence the driver exhibits performing each of the following operations:

1. The Pre-trip Equipment Inspection
Comments: DISCUSS WHAT CHANEY SUSPECTS SAFETY FOR
PRE AND POST TRIP, DID PRETRIP
 Satisfactory
 Needs Training
 Unsatisfactory
2. Placing the Commercial Motor Vehicle in Operation
Comments: EXPERIENCE IN DRIVING AUTOMATIC VEHICLE
LAST JOBS HAD AUTOMATIC TRUCKS.
 Satisfactory
 Needs Training
 Unsatisfactory
3. Use of the Commercial Motor Vehicle's Controls and Emergency Equipment
Comments: EXPLAIN WHERE SAFETY EQUIPMENT ARE.
EXPERIENCE DRIVER
 Satisfactory
 Needs Training
 Unsatisfactory
4. Operating the Commercial Motor Vehicle in Traffic and While Passing Other Motor Vehicles
Comments: VERY GOOD
 Satisfactory
 Needs Training
 Unsatisfactory
5. Turning the Commercial Motor Vehicle
Comments: VERY GOOD
 Satisfactory
 Needs Training
 Unsatisfactory
6. Braking, and Slowing the Commercial Motor Vehicle by Means Other Than Braking
Comments: VERY GOOD
 Satisfactory
 Needs Training
 Unsatisfactory
7. Backing and Parking the Commercial Motor Vehicle
Comments: VERY GOOD
 Satisfactory
 Needs Training
 Unsatisfactory
8. Other: EXPERIENCE DRIVER
Comments: _____
 Satisfactory
 Needs Training
 Unsatisfactory

Duration of Road Test: 1 hours, 21 miles

GENE COLLINS
Name of Examiner (please print)

10/13/2015
Date

Gene W. Collins
Signature

The operations above are the skills required by 48CFR 391.31 to be tested while operating the type of Commercial Motor Vehicle the Motor Carrier intends to assign to this driver. These skills are the required minimum, and may be exceeded at any time at the Motor Carrier's discretion.