ILC RESOURCES
MATERIAL SAFETY DATA SHEET

Section 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

ILC RESOURCES
10536 Justin Drive
Urbandale, IA 50322-3730
MSDS Information: 1-515-243-8106

24-Hour Emergency Number
1-515-243-8106

PRODUCT NAME: EggMaker, EggMaker Blends, Henbits, SuperCal-100, SuperCal-200, SuperCal-300, SuperCal-103, SuperCal-120, SuperCal-123, SuperCal-230, SuperCal-320

COMMON NAME: feeding limestone, calcium carbonate

CHEMICAL NAME: calcium carbonate

CHEMICAL FAMILY: carbonates

CHEMICAL FORMULA: $CaCO_3$

CAS #: 471-34-1

MOLECULAR Wt: 100.09

Section 2 – COMPOSITION & INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENTAGES	PEL (OSHA)	TLV (ACGIH)
calcium carbonate	(by weight) 90-100%	total dust 15 mg/m^3 TWA respirable dust 5 mg/m^3 TWA	total dust 10 mg/m^3

Section 3 – HAZARDS IDENTIFICATIONS

*** E M E R G E N C Y O V E R V I E W ***

Light gray to tan granular, odorless. Non-flammable. Non-hazardous to eyes, skin and throat.

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: Eye contact, dermal, inhalation, ingestion.

EFFECTS OF OVEREXPOSURE:

Eyes - Nuisance dust may cause mechanical irritation

Skin - Non-hazardous

Inhalation – Excessive concentrations of a nuisance dust may cause reactions such as coughing, sneezing and nasal irritation

Ingestion - Non-hazardous

CHRONIC EFFECTS OF OVEREXPOSURE: None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

Section 4 – FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact - If material comes in contact with the eyes, promptly wash the eyes with water. Get medical attention if any discomfort continues.

Skin Contact - No special precautions; flush with water.

Inhalation - If a person breathes in large amounts of this material, move the exposed person to fresh air at once. Other measures are usually unnecessary.

Ingestion - No special precautions.

Section 5 – FIRE-FIGHTING MEASURES

FLASH POINT: N/A AUTO IGNITION TEMP: N/A

FLAMMABLE LIMITS IN AIR % BY VOLUME	LOWER	UPPER
	N/A	N/A

EXTINGUISHING MEDIA: Use appropriate media to extinguish source.

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: $CaCO_3$ is neither a fire hazard nor an explosive hazard.

HAZARD RATINGS: NFPA 704: Health - 1 Fire - 0 Reactivity - 0

Section 6 – ACCIDENTAL RELEASE MEASURES

Calcium carbonate (limestone) is not classified as a "toxic pollutant" or a "hazardous substance" under Sections 307 and 311 of the Clean Water Act. Accidental spills can be cleaned up by sweeping, vacuuming, or flushing with water. Under *Code of Federal Registry* -- (Title 21CFR § 582.5191) {"…This substance is generally recognized as safe when used in accordance with good manufacturing or feeding practice."} This is known as G.R.A.S.

Section 7 – HANDLING & STORAGE

HANDLING AND STORING: Store in a dry area; material is an animal feed ingredient.

Section 8 – EXPOSURE CONTROL – PERSONAL PROTECTION

ENGINEERING CONTROLS: Mechanical ventilation may be necessary to maintain dust below exposure levels.

RESPIRATORY EQUIPMENT: An approved NIOSH dust respirator should be used when dust exposure standard is exceeded (nuisance dust 15 mg/m^3).

EYE PROTECTION: Safety goggles.

PROTECTIVE CLOTHING: Not essential.

OTHER (SAFETY SHOWERS, EYE WASH STATIONS, ETC.): None.

Section 9 – PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Light gray to tan color.
Coarse to small granules to powder

ODOR: Odorless

BOILING POINT: Not determined

SPECIFIC GRAVITY (water=1): 2.7–2.9

VAPOR PRESSURE: N/A VAPOR DENSITY (air=1): N/A

SOLUBLE IN WATER: Negligible

EVAPORATION RATE (ether=1): None

pH: 8.5–9.5 at 10% solids

Section 10 – STABILITY & REACTIVITY

STABILITY: STABLE X
UNSTABLE

INCOMPATIBILITY: Material is soluble in acid with concomitant release of carbon dioxide

HAZARDOUS DECOMPOSITION PRODUCTS: Heating of product above 825°C will decompose to calcium oxide with release of carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: High temperatures above 825 °C

MATERIALS TO AVOID: Acids

Section 11 – TOXICOLOGY INFORMATION

Note: ILC Resources has not conducted specific toxicity tests on this product.

Section 12 – ECOLOGICAL INFORMATION

Note: ILC Resources has not conducted specific ecological tests on this product. The product is also used as an animal feed ingredient and agricultural liming material.

Section 13 – DISPOSAL CONSIDERATION

WASTE DISPOSAL PROCEDURES: Calcium carbonate (limestone) is not classified as a hazardous waste under RCRA Section 3001. Use normal waste disposal procedures that are in compliance with federal, state, and local regulations.

Section 14 – REGULATORY INFORMATION

DOT PROPER SHIPPING NAME: Not regulated by DOT

DOT HAZARD CLASS: N/A

DOT IDENTIFICATION NUMBER: N/A

DOT EMER. RESPONSE GUIDE NO.: N/A

Section 15 – OTHER INFORMATION

This product does not contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SARA SECTION 311–312 HAZARD CATEGORIES (40 CFR 370.2):

FIRE: No SUDDEN RELEASE OF PRESSURE: No REACTIVE: No ACUTE: No
CHRONIC: No

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Revised: 02-10-2010
Replaces: 01-22-2010