


**SECTION 1 - IDENTIFICATION OF PRODUCT AND COMPANY**

PRODUCT IDENTIFIER:	Lacto dellicious
PRODUCT CODE:	46-334
CAS NUMBER:	
INTENDED USE:	For the manufacture of foods.
DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:	
MANUFACTURER/SUPPLIER:	Kalsec <sup>®</sup> 3713 West Main Street Kalamazoo, Michigan 49006 USA
EMERGENCY CONTACT:	1-352-323-3500 COLLECT (IN U.S. & CANADA ONLY) 1-800-535-5053
FAX:	(269) 382-3060

**SECTION 2 - HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:	
Eye damage/irritation: H318 - Causes serious eye damage.	
Skin corrosion/irritation: H315 - Causes skin irritation.	
Label Elements:	
	
SIGNAL WORD Danger	
Precautionary Code	Precautionary Code Description
P101	If medical advice is needed, have product container or label at hand.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (Reference Section 3 in SDS).
P332+P313	If skin irritation occurs: Get medical advice/attention.

# SAFETY DATA SHEET:

ACC. TO OSHA HCS, REGULATION (EC) 1907/2006, REGULATION (EC) 1272/2008:

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REVISION DATE: 03/13/2018

Precautionary Code	Precautionary Code Description
P362	Take off contaminated clothing and wash before reuse.
P404	Store in a closed container.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS	WT %	CLASSIFICATION
Please see section 16 for classification details.			

## SECTION 4 - FIRST AID MEASURES

GENERAL ADVICE:	If medical advice is needed, have product container or label at hand.
GENERAL ADVICE:	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
GENERAL ADVICE:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

## SECTION 5 - FIRE FIGHTING MEASURES

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 7.
Methods and materials for containing and cleaning up:	Clean up with suitable absorbent material (sand, vermiculite, diatomite, saw dust etc.).

## SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Conditions for safe storage:	Store in a closed container.

## SECTION 8 - EXPOSURE CONTROLS

<u>EXPOSURE LIMITS</u>	Unknown.
<u>APPROPRIATE</u>	See section 7.
<u>ENGINEERING CONTROLS</u>	
<u>PERSONAL PROTECTION</u>	See section 7.
<u>EQUIPMENT</u>	

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Characteristic
ODOR:	Acidic, like acetic acid
ODOR THRESHOLD:	NOT DETERMINED
PH:	Not determined
MELTING / FREEZING POINT:	NOT DETERMINED
INITIAL BOILING POINT & RANGE:	NOT DETERMINED
FLASH POINT:	94°C

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EVAPORATION RATE:	NOT DETERMINED
FLAMMABILITY:	NOT DETERMINED
UPPER/LOWER	NOT DETERMINED
FLAMMABILITY LIMITS:	
VAPOUR PRESSURE:	NOT DETERMINED
VAPOUR DENSITY:	NOT DETERMINED
RELATIVE DENSITY:	NOT DETERMINED
SOLUBILITY:	NOT DETERMINED
PARTIAL COEFFICIENT	NOT DETERMINED
(N-OCTANOL/WATER):	
AUTO-IGNITION	NOT DETERMINED
TEMPERATURE:	
DECOMPOSITION	NOT DETERMINED
TEMPERATURE:	
VISCOSITY:	NOT DETERMINED
EXPLOSIVE PROPERTIES:	NOT DETERMINED
OXIDISING PROPERTIES:	NOT DETERMINED

**SECTION 10 - STABILITY AND REACTIVITY**

Reactivity:	No known reactions
Chemical Stability:	Under normal ambient storage this product is stable
Possibility of	No dangerous reactions known
Hazardous Reactions:	
Conditions to Avoid:	Extremes of temperature
Incompatible Materials:	No known
Hazardous Decomposition	No dangerous decomposition products known
Products:	

**SECTION 11 - TOXICOLOGY INFORMATION**

ACUTE TOXICITY (ORAL):	Not Classified
ACUTE TOXICITY (DERMAL):	Not Classified
ACUTE TOXICITY (INHALATION):	Not Classified
SKIN CORROSION / IRRITATION:	CAT2
SERIOUS EYE	CAT1
DAMAGE / IRRITATION:	
SKIN SENSITIZATION:	Not Classified
RESPIRATORY SENSITIZATION:	Not Classified
GERM CELL MUTAGENICITY:	Not Classified
CARCINOGENICITY:	Not Classified
SPECIFIC ORGAN TOXICITY (RE):	Not Classified
SPECIFIC ORGAN TOXICITY (SE):	Not Classified
Aspiration Hazard:	Not Classified

**SECTION 12 - ECOLOGICAL INFORMATION**

Acute (short-term) toxicity:	Not Classified
Chronic (long-term) toxicity:	Not Classified
Persistence and degradability:	No data
Bioaccumulative potential:	No data

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Mobility in soil:	No data
Results of PBT and vPvB assessment:	No data
Other adverse effects:	No data

## SECTION 13 - DISPOSAL CONSIDERATIONS

Product:	Dispose of contents/container in accordance with local, regional, national or international regulations.
Contaminated packaging:	Dispose of contents/container in accordance with local, regional, national or international regulations.

## SECTION 14 - TRANSPORT INFORMATION

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

### Further information

EHS-Mark required (IATA 197, IMDG code 2.10.2.7) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

## SECTION 15 - REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC TO MIXTURE:  
THIS SAFETY DATASHEET HAS BEEN PREPARED IN ACCORDANCE WITH REGULATION (EC) NO. 1907/2006.

### CHEMICAL SAFETY ASSESSMENT:

NO CHEMICAL SAFETY ASSESSMENT HAS BEEN CARRIED OUT.

## SECTION 16 - OTHER INFORMATION

H314:	Causes severe skin burns and eye damage.
H315:	Causes skin irritation.
H318:	Causes serious eye damage.

### FURTHER INFORMATION

THE ABOVE INFORMATION IS PROVIDED TO THE BEST OF OUR KNOWLEDGE AND REPRESENTS THE CURRENT STATE OF THAT KNOWLEDGE. HOWEVER THERE IS NO GUARANTEE THAT THE INFORMATION IS ALL-INCLUSIVE AND IT IS INTENDED TO BE USED AS A GUIDE ONLY. IT IS APPLICABLE ONLY TO THE APPROPRIATE SAFETY PRECAUTIONS OF THE PRODUCT AND DOES NOT REPRESENT ANY GUARANTEE OF THE PROPERTIES OF THE PRODUCT