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Material Safety Data Sheet *Ferments*

Product Name : **CFS-R**
Product Code : **5R01137**
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I. IDENTIFICATION

PRODUCT NAME (CODE) : **CFS-R (5R01137)**
CAS NUMBER : MIXTURE
CHEMICAL NAME : NOT APPLICABLE
SYNONYMS : CULTURED DAIRY SOLIDS

II. PHYSICAL DATA

ODOR, APPEARANCE AND PHYSICAL STATE : WHITE TO OFF-WHITE COLORED POWDER. YOGURT AROMA. MODERATELY HYGROSCOPIC.
SPECIFIC GRAVITY (WATER=1) : NOT APPLICABLE.
SOLUBILITY IN WATER : APPRECIABLE
BOILING POINT : NO DATA AVAILABLE (NDA)
MELTING POINT : NDA
VAPOR PRESSURE (mm HG AT 20°C) : NDA
pH (10% SOLUTION W/W) : 4.0 - 5.0

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP) : NOT APPLICABLE.
EXTINGUISHING MEDIA : WATER FOG (), FOAM (X), CO2 (X), DRY CHEMICAL (X).
SPECIAL FIRE FIGHTING PROCEDURES : NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

IV. REACTIVITY DATA

STABILITY : STABLE.
INCOMPATIBILITY : STRONG OXIDIZING AGENTS.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS : CARBON MONOXIDE, CARBON DIOXIDE AND SMOKE ON COMBUSTION.
HAZARDOUS POLYMERIZATION : WILL NOT OCCUR.

V. OCCUPATIONAL EXPOSURE LIMIT

THRESHOLD LIMITED VALUE (TLV) : NDA
OSHA PERMISSIBLE EXPOSURE LIMIT (PEL) : NDA

HAS THIS SUBSTANCE OR ANY COMPONENT OF A MIXTURE BEEN LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN IN THE "ANNUAL REPORT ON CARCINOGENS" PUBLISHED BY NIP, BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR BY OSHA ? YES () NO (X).

VI. EMERGENCY AND FIRST AID PROCEDURES

INHALATION EXPOSURE : REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, SEE PHYSICIAN.
EYE CONTACT : REMOVE CONTACT LENSES. FLUSH EYES IN WATER FOR 10 MINUTES. IF IRRITATION PERSISTS, SEE PHYSICIAN.
SKIN CONTACT : REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER. IF IRRITATION PERSISTS, SEE PHYSICIAN.
INGESTION : NONE USUALLY NEEDED.

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED : SWEEP UP OR WIPE OFF SPILLED MATERIAL FOR PROPER DISPOSAL. WASH AFFECTED AREA WITH SOAP AND WATER. LIMIT INHALATION.
WASTE DISPOSAL METHOD : SANITATION LANDFILL OR INCINERATION IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION : USE OF PAPER OR CLOTH MASK IS RECOMMENDED TO LIMIT DUST INHALATION.
VENTILATION : GENERAL.
PROTECTIVE GLOVES : USE OIL RESISTANT GLOVES.
EYE PROTECTION : USE SPLASH PROOF GOGGLES OR SAFETY GLASSES. DO NOT GET INTO EYES.
OTHER PROTECTIVE EQUIPMENT : EYE BATH AND SAFETY SHOWER.

IX. HANDLING AND STORAGE PROCEDURES

SPECIAL PRECAUTIONS : AVOID FORMATION OF DUST

MISUSE OR POOR HANDLING OF THESE PRODUCTS IN YOUR FACILITY COULD CREATE A POTENTIALLY HAZARDOUS CONDITION. MISHANDLING OF THIS PRODUCT AND FORMATION OF SIGNIFICANT AMOUNTS OF DUST COULD RESULT IN AN EXPLOSIVE MIXTURE IN THE PRESENCE OF A FLAME OR OTHER IGNITION SOURCE. IN ADDITION, NUISANCE DUST MAY CAUSE RESPIRATORY IRRITATION AND COULD CAUSE ALLERGIC DERMATITIS IN SENSITIVE INDIVIDUALS.

X. HEALTH HAZARD INFORMATION

THIS PRODUCT IS A "MIXTURE" FOR WHICH NO HEALTH HAZARD DATA EXISTS. THE HAZARD COMMUNICATION STANDARD REQUIRES THAT SUCH MIXTURES BE ASSUMED TO PRESENT THE SAME HEALTH HAZARDS AS DO COMPONENTS THAT CONSTITUTE AT LEAST 1% OF THE MIXTURE (0.1% FOR CARCINOGENS), ALTHOUGH OSHA HAS NOTED THAT THE HAZARDS OF INDIVIDUAL COMPONENTS MAY BE ALTERED BY INCLUDING THEM IN A MIXTURE.

PRIMARY ROUTE(S) OF ENTRY: (X) DERMAL (X) INHALATION

THE FOLLOWING RAW MATERIAL(S) CONTRIBUTED TO THE ABOVE HAZARDS:

INGREDIENT: AMOUNT:

NO HAZARDOUS MATERIALS AS DEFINED BY OSHA 1910.1200

NUISANCE DUST MAY IRRITATE RESPIRATORY TRACT AND MAY IRRITATE THE EYES AND SKIN. INHALATION OF DUST MAY CAUSE SNEEZING. REPEATED CONTACT MAY CAUSE ALLERGIC DERMATITIS.

NO SARA-313 MATERIALS PRESENT.

CALIFORNIA PROPOSITION 65:

DOES NOT CONTAIN ANY KNOWN CARCINOGENS OR REPRODUCTIVE TOXINS THAT ARE CURRENTLY IDENTIFIED BY THE STATE OF CALIFORNIA FOR PROPOSITION 65.

MANUFACTURED IN A FACILITY THAT ALSO HANDLES EGG, SOY, MILK, CORN AND WHEAT PRODUCTS.

MATERIAL SAFETY DATA SHEET PREPARED ON: JULY 12, 2004.

THE INFORMATION PROVIDED IN THIS MSDS IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION, AND IS IN OUR OPINION CONSISTENT WITH THE STATE OF GENERAL SCIENTIFIC AND TECHNICAL KNOWLEDGE AT THAT DATE, BUT WE CANNOT ACCEPT LIABILITY FOR ANY LOSS, INJURY OR DAMAGE WHICH MAY RESULT FROM ITS USE.

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Product
Information

MANDATORY
NUTRITIONAL INFORMATION
(Calculated)

CFS-R

5R01137

	<u>(Per 100 Grams)</u>
Calories	304.17kcal
Protein	23.64g
Carbohydrates	64.65g
Dietary Fiber	0.0g
Sugars	47.47g
Total Fat	2.12g
Saturated Fat	0.21g
Cholesterol	4.50mg
Moisture	4.0g
Ash	5.58g
Vitamin A	14.13IU
Vitamin C	0.80mg
Calcium	428.87mg
Iron	0.74mg
Sodium	490.34mg

05/04/2001

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Product
Information

Ferments

CFS-R
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FOOD INTOLERANCE INFORMATION ACCORDING TO ALBA PRINCIPLE

1. Cow milk protein	: present.	20. Nuts	: not present.
2. Lactose or milk sugar	: present.	21. Groundnuts	: not present.
3. (Chicken) egg	: not present.	22. Glutamate (E620-E625)	: not present.
4. Soya protein	: not present.	23. Sulphite (E220 - E227)	: not present.
5. Soya oil	: not present.	24. Bha/bht (E320, E321)	: not present.
6. Gluten	: not present.	25. Benzoic acid (E210 - E213)	: not present.
7. Wheat	: not present.	26. Parabens (E214 - E219)	: not present.
8. Rye	: not present.	27. Azo-colours (E102, E110, E122, E123, E124, E151)	: not present.
9. Saccharose	: not present.	28. Tartrazine (E102)	: not present.
10. Beef	: not present.	29. Sunset yellow (E110)	: not present.
11. Pork	: not present.	30. Carmosine (E122)	: not present.
12. Chicken	: not present.	31. Amaranth (E123)	: not present.
13. Fish	: not present.	32. Ponceau 4R (E124)	: not present.
14. Shellfish	: not present.	33. Sorbic acid (E200 - E203)	: not present.
15. Fructose	: not present.	34. Cinnamon	: not present.
16. Maize	: not present.	35. Vanillin	: not present.
17. Cocoa	: not present.	36. Coriander	: not present.
18. Yeast	: not present.	37. Celery	: not present.
19. Pulses	: not present.	38. Umbelliferea	: not present.

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