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Date: 07 / 17 / 2023

Version: 2

Cancels and replaces version: 1

SECTION 1. IDENTIFICATION

Product Name/Identifier	FSS NatraGuard
Product Code	FSSB22033
Recommended Use	Ingredients/Raw materials used in the manufacturing of Cosmetic Products'
Restrictions on Use	Refer to the detailed list of labeling/restrictions (Section 15 Regulatory Information)
Supplier Site	Formulator Sample Shop
Address	135 Joshua Court Lincolnton, NC 28092, USA
Telephone No. (24hrs)	1-704-276-7540

For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC:
+1 703-741-5970 (or) 1-800-424-9300

SECTION 2. HAZARD(S) IDENTIFICATION**Classification of the substance or mixture:****Classification according to EC regulation 1272/2008 (CLP):**

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]:

Serious Eye Damage: Category 1

Classification according to Directive 67/548/EEC or 1999/45/EC

The preparation is dangerous in the sense of Directive 1999/45/EC: Risk of serious damage to eyes

GHS Labeling Elements:**Pictogram:****Hazard statements/Signal Word:** H318: DANGER: Causes serious eye damage**Precautionary statements:**

Prevention: P233: Keep container tightly closed
P280: Wear protective gloves/protective clothing/eye protection/face protection
P305 + P338 + P351: 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

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. The company, however, cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. We make no warranty of any kind, expressed or implied, other than that the material conforms to the applicable standard specification.

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Disposal: P501: Dispose of contents/container in accordance with local regulations.

Labelling (67/548/EEC or 1999/45/EC):

Risk of serious damage to eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves and eye/face protection.

Other hazards: None known

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Common Chemical Name: Parfum

Chemical Family: Preparation

Hazardous Ingredients:

Classification according to EC regulation 1272/2008 (CLP):

<u>Chemical Name</u>	<u>CAS Number</u>	<u>EC Number</u>	<u>% by Weight</u>	<u>REACH No.</u>	<u>Classification</u>
-	-	-	-	-	-

Classification according to Directive 67/548/EEC or 1999/45/EC:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>EC Number</u>	<u>% by Weight</u>	<u>REACH No.</u>	<u>Classification</u>
-	-	-	-	-	-

Formula: Not applicable

SECTION 4. FIRST-AID MEASURES

General: In all cases of doubt, or when symptoms persist, seek medical attention. In case of unconsciousness give nothing by mouth, place in unconscious position and seek medical advice.

Inhalation: Move to fresh air from exposure area. Put victim at rest and keep warm. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

Skin contact: Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water. Do not use solvents or thinners. In case of skin irritation, consult a physician.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

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Ingestion: Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Consult physician immediately.

Most important symptoms and effects, both acute and delayed: Not determined

Indication of any immediate medical attention and special treatment needed: Not determined

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable: Powder, water, sand

Not suitable: None known

Hazards Combustion Products: Gases: carbon monoxide, carbon dioxide

Protection for fire-fighters: Boots, gloves, goggles and self-contained breathing apparatus.

Further information: Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes.
Wear Personal Protective Equipment:
- Eye/face protection

Special danger of slipping by leaking/spilling product.

Environmental precautions: Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

Methods for cleaning up:

Recovery: Contain spillage, absorb with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations.

Cleaning/Decontamination: Clean using cleansing agents. Do not use solvents..

Disposal: For disposal of residues refer to sections 8 & 13.

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SECTION 7. HANDLING AND STORAGE

Handling

 Technical measures:
 Safe handling advice:

 Labeling: Keep out of the reach of children. Avoid contact with skin and eyes.
 Avoid contact with skin, eyes and clothes. Smoking is forbidden.

Storage

Technical measures:

Keep container tightly closed and dry. Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Do not empty containers with pressure – no pressure vessel! Smoking is forbidden. Access only for authorized persons.

Incompatible materials:

 Avoid contact with strong acids, strong bases and oxidizing agents.
 Refer to the detailed list of incompatible materials (Section 10 Stability/Reactivity)

Packaging materials:

 Recommended - Polypropylene & High Density Polyethylene
 Unsuitable – Iron

Specific end use(s):

Observe technical data sheet. Observe instructions for use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls:

Ensure adequate ventilation

Control parameters

Description	CAS Number	EC Number	Value Type	Limit Value STEL (EC) TWA (EC)	Unit
-	-	-	-	-	-

Personal Protective Equipment:

Respiratory protection:

Wear breathing apparatus if exposed to vapours/dusts/aerosols

Hand protection:

Wear suitable gloves

Eye protection:

Eye/face protection

Body protection:

Suitable protective clothing

Protective measures:

After contact clean skin thoroughly with water and soap and use appropriate cleanser

Environmental exposure controls:

Do not allow to enter into surface water or drains. Refer to Section 7. No further action is necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear liquid

Color:

Colorless to light brown

Odor:

Characteristic

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Refractive Index (20°C):	1.4350 – 1.4550
pH Value:	7.0 – 8.5
Microbial Content:	< 100 CFU/g; No pathogens
Yeast & Mold:	< 100 CFU/g
Gram Negative Bacteria:	0 CFU/g
Boiling Point:	> 100°C
Melting point:	Not determined
Flash point:	> 85°C
Solubility:	
In water:	Complete miscible

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable when applying the recommended regulations for storage and handling. Refer to Section 7 for further information on correct storage.
Hazardous reactions:	Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.
Conditions to avoid:	Not determined
Materials to avoid:	Strong acids, strong bases and oxidizing agents.
Hazardous decomposition products:	Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute Toxicity:**

LD₅₀, Rat, Oral:	> 2,000 mg/kg – Derived from the properties of the single components
LD₅₀, Rabbit, Dermal:	> 5,000 mg/kg – Derived from the properties of the single components

Irritant and Corrosive Effects:

Skin, Evaluation:	Non-Irritant – Derived from the properties of the single components
Eyes, HET-CAM Evaluation:	Non-Irritant (C = 10%)
Eyes, HET-CAM Evaluation:	Strongly Irritant (C = 10%)

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Sensitization:
Skin, Evaluation: Non Sensitizing – Derived from the properties of the single components

Specific target organ toxicity: Not Determined

Aspiration Hazard: Not Determined

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):
Mutagenicity, Evaluation: Non-Mutagenic – Derived from the properties of the single components

Overall Assessment on CMR properties:

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2

SECTION 12. ECOLOGICAL INFORMATION

Toxicity: Not Determined

Long Term Ecotoxicity: Not Determined

Biodegradation: Not determined on the preparation itself. The single components are biodegradable.

Degradation:
Persistence: Not Determined

Bioaccumulation: Not Determined

Bioconcentration factor (BCF): Not Determined

Mobility: Not Determined

Results of PBT and vPvB assessment: The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Other Adverse Effects: According to the present state of knowledge negative ecological effects are not expected.

SECTION 13. DISPOSAL CONSIDERATIONS

Residues from product
Prohibition: Do not allow the product to be released into the Environment.

Destruction/Disposal: This material and its container must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

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Contaminated packaging

Decontamination/cleaning: Cleaned containers may be recycled. Vessels not properly emptied are special waste. Dispose container in accordance with local regulation.

Note: Take all necessary precautions when disposing of this product according to local regulations.

SECTION 14. TRANSPORT INFORMATION

UN Number: None

UN Shipping Name: None

Land (rail/road): Material is not restrictive for land transport and is not regulated by ADR/RID
 Sea: Material is not restrictive for sea transport and is not regulated by IMO/IMDG
 Air: Material is not restrictive for air transport and is not regulated by ICAO/IATA

Transport/Additional Information: Not regulated for US DOT Transport in non-bulk containers
 This material is not dangerous or hazardous

Special Precautions for User: None known

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the MSDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.

SECTION 15. REGULATORY INFORMATION

Information on working limitations:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Substance/product listed in the following inventories:

TSCA inventory status:	Listed
AICS inventory status:	Listed
Canadian (CEPA DSL) inventory status:	Listed_
Japan (MITI list):	Listed
Korea (KECI):	No information
China inventory status (IECSC):	No information
Philippines inventory status (PICCS):	Listed

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Chemical Safety Assessment:

Chemical safety assessments for substances in this preparation were not carried out.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the products described in this sheet. The user's attention is drawn to the possible existence of additional provision which complete these regulations. Please refer to all applicable international, national and local regulations and provisions

SECTION 16. OTHER INFORMATION

Prohibited uses: For specific uses, food industry, ask the manufacturer for more information.

Last Revision Date: 07/17/2023

Preparation Date: 03/04/2021

MSDS summary of changes Revision to date, updated Section 9

The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.