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Revised edition no. : 2		
DATE – 14.02.2020		

1. IDENTIFICATION OF THE SUBSTANCES / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name : FC GARD C01

Use of the substance/preparation : Modified polymer emulsion for stain release and softness on 100% cellulosic and cellulosic rich blends.

: H.O. : BRITACEL SILICONES LTD
F-18, STREET NO.23, MIDC, MAROL,
ANDHERI (E), MUMBAI – 400 093.

Manufacturer / Supplier Fact :
PLOT NO. L –124, 125 & 126,
VERNA INDUSTRIAL ESTATE,
VERNA PHASE – III, GOA – 403 772.

: Customer service : +91 22 400 94000
Product Disposal Information: +91 832 278 2929
+91 832 278 3939

Contact Email- bsl@britacelsilicones.com

Emergency information : Emergency Telephone: +91 22 4009 4002

2. HAZARDOUS IDENTIFICATION


As per classification rules in Directive 67/548/EEC or 1999/45/EC, FC GARD C01 is not classified as dangerous preparation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Percentage
Isotridecanol , branched ethoxylated	69011-36-5	3.824
Isotridecanol , Ethoxylated	69011-36-5	2.352
Butyl Glycol ether 99.5%	111-76-2	1.998
Dimethylsiloxane Copolymer (55%)	67923-07-3	1.66
Butyl carbitol (45%)	112-34-5	
Dimethyleneglycol monobutylether	112-34-5	
Siloxanes and Silicones, di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts) Propandiol-1,2	134737-05-6 57-55-6	9.4078
Methane Sulphonic Acid	75-75-2	0.243
Water	7732-18-5	63.223

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4. FIRST AID MEASURES

- Inhalation : P301 + P313 if inhaled get medical advice.
- Skin contact : P332 + P351 if skin irritation occurs rinse continuously with water for several mins.
- Eye contact : P305+P351+P338.If eye irritation occurs rinse continuously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing.
- Ingestion : P 301 + P330 +P313 if swallowed rinse mouth get medical advice.

5. FIRE-FIGHTING MEASURES

- Flammable class** : Not combustible
- Extinguishing media** : All extinguishing media can be used.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Special procedures** : Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES

- Clean up method** : On land, sweep or shovel into suitable containers. Dilute residues and flush.

7. HANDLING AND STORAGE

- Storage** : P404 + P 411 +P271. Store in closed container. Store at temperature not exceeding 30°C. store in well ventilated area.
- Handling** : P 280 wear protective gloves/ eye protection. Keep container closed use with adequate ventilation. P 264 wash thoroughly after handling.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

Personal Protection




P 262 do not get in eyes, on skin or on clothing.

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- Respiratory Protection** : No special respiratory protection equipments is recommended under normal conditions of use with adequate ventilation
- Skin protection** : Wear gloves.
- Eye protection** : Wear eye protection appropriate to conditions of use when handling this material.
- Ingestion** : Ingestion unlikely.
P301 + P330 +P313. If swallowed rinse mouth, get medical advice.
- Industrial Hygiene** : P271 use outdoors or in a well ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES


- Physical Nature** : Flowable Liquid
- Appearance** : Translucent to clear liquid
- Odour** : Organic
- Solubility in water @ 25° C** : Readily Soluble
- Specific Gravity @ 25° C** : 0.975 – 1.05
- pH (10% Solution)** : 5 - 7
- FLASH POINT (CLOSED CUP)** : Above 100° C.

10. STABILITY AND REACTIVITY

- Chemical Stability** : Generally stable under normal condition of handling and storage without any contamination.
- Condition to avoid** : Heating above 30°C.
- Incompatibility with other materials.** : Strong acids, alkalies, chelating agents.
- Hazardous decomposition products** : No hazardous decomposition occurs
- Hazardous Polymerisation** : Temperature above 175°C polymerization occurs.
- Effect of weather (Humidity, Oxygen, Carbon dioxide)** : No effect, but keep container close

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11. TOXICOLOGICAL INFORMATION

Rat oral LD50 (mg/kg) : > 2000 estimated value from available datas.

12. ECOLOGICAL INFORMATION

fish LC50 (mg/kg) : > 100 estimated value from available datas.
Biodegradability : 56.7%
BOD 5 : 338
COD : 972

13. DISPOSAL CONSIDERATION

General : P501 dispose of contents / container in a safe manner in accordance with local / natural regulations.

14. TRANSPORT INFORMATION

General information : Not regulated

15. REGULATORY INFORMATION

Symbol(s)



H statements : Health Hazards: H320 may cause eye irritation in few cases.

P statements. : **Prevention precautionary statements.**
P262 Do not get in eyes, on skin, or on clothing.
P264 Wash thoroughly after handling
P271 Use only outdoors or in a well ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection

Responses precautionary statements


P301 + P313 if swallowed, get medical advice/attention
P305 + P351 if in eyes, rinse continuously with water for several minutes.
P330 + P332 rinse mouth, if skin irritation occurs
P338 remove contact lenses if present and easy to do. Continue rinsing

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Storage precautionary statements

P404 + P411 + P271 store in a closed container at temperature not exceeding 30°C. store in well ventilated area.

16. OTHER INFORMATION

Further information : NONE