

CHARM SCIENCES, INC.

SAFETY DATA SHEET

1. Identification

Product Name: CHARM® ROSA® TEST STRIPS

Manufacturer: Charm Sciences Inc.

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CHARM ROSA TEST STRIPS		
Product Description	Order Code	Lot Code
Charm Aller-ROSA Test	ALR-MILK-RW, ALR-MILK-ST	ALR-MILK
ROSA Aflatoxin Quantitative Test – Ethanol Extraction	LF-AFQ-ETOH	AFQ-ETOH
ROSA FAST Aflatoxin Quantitative Test	LF-AFQ-FAST	AFQ-FAST
ROSA FAST5 Aflatoxin Quantitative Test	LF-AFQ-FAST5	AFQ-FAST5
ROSA WET® Aflatoxin Quantitative Test	LF-AFQ-WET	AFQ-WET
ROSA WET-S3 Aflatoxin Quantitative Test	LF-AFQ-WETS3	AFQ-WETS3
ROSA WET-S5 Aflatoxin Quantitative Test	LF-AFQ-WETS5	AFQ-WETS5
Charm Amphenicol Test	LF-AMPH, LF-AMPCH	AMPH, AMPCH
Charm Australian Beta-lactam 3 Minute Test	LF-AUSBL	AUSBL
Charm Chloramphenicol Test/ (High Sensitivity) Test	LF-CAP; LF-CHLOR	CAP
ROSA FAST5 DON Quantitative Test	LF-DONQ-FAST5	DONQ-FAST5
ROSA WET DON Quantitative Test	LF-DONQ-WET	DONQ-WET
ROSA WET-S5 DON Quantitative Test	LF-DONQ-WETS5	DONQ-WETS5
ROSA DONQ2 Quantitative Test	LF-DONQ2	DONQ2
Charm ROSA Enrofloxacin Test	LF-ENRO; LF-ENRO-E; LF-ENRO-T	ENRO
Charm Flunixin and Beta-lactam Test	LF-FLUSLBL; LF-FLUBLKID	FLUSLBL
ROSA Fumonisin Quantitative Test – Ethanol Extraction	LF-FUMQ-ETOH	FUMQ-ETOH
ROSA FAST5 Fumonisin Quantitative Test	LF-FUMQ-FAST5	FUMQ-FAST5
ROSA WET Fumonisin Quantitative Test	LF-FUMQ-WET	FUMQ-WET
ROSA WET-S5 Fumonisin Quantitative Test	LF-FUMQ-WETS5	FUMQ-WETS5
Charm MRL Aflatoxin M1 Quantitative Test	LF-MRLAFMQ	MRLAFMQ
Charm ROSA MRL Beta-lactam Test	LF-MRLBL; LF-MRLBL-U	MRLBL
Charm MRL Beta-lactam One Minute Test	LF-MRLBL1	MRLBL1
Charm MRLBL 3 minute Beta-lactam Test	LF-MRLBL3	MRLBL3
Charm MRL Beta-lactam Test - Bar Code	LF-MRLBLBC	MRLBLBC
Charm MRL Beta-lactam and RF Tetracycline 2 Minute Test	LF-MRLBLRFTET2	MRLBLRFTET2
Charm MRL Beta-lactam and Tetracycline Test	LF-MRLBLTET	MRLBLTET
Charm MRL Beta-lactam and Tetracycline 2 Minute Test	LF-MRLBLTET2	MRLBLTET2
Charm Neomycin and Streptomycin Test	LF-NEO-STREP	NEO-STREP
ROSA Ochratoxin Quantitative Test for Feed and Grain	LF-OCHRAQ-G	OCHRAQ
ROSA Ochratoxin Quantitative Test for Wine & Grape Juice	LF-OCHRAQ-W	OCHRAQ
Charm Pirlimycin Test	LF-PIRL; LF-PIRL-300PPB	PIRL
Charm PP Beta-lactam and Pirlimycin Test	LF-PIRL-PPBL	PIRL-PPBL
Charm PLA Beta-lactam and Tetracycline Test	LF-PLABLTET	PLABLTET
Charm PLA Beta-lactam and Tetracycline 5 Minute Test	LF-PLABLTET5	PLABLTET5
Charm QUAD Test	LF-QUAD-RUS	QUAD
Charm QUAD1 Test	LF-QUAD1	QUAD1



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CHARM ROSA TEST STRIPS (continued)		
Product Description	Order Code	Lot Code
Charm QUAD2 Test	LF-QUAD2	QUAD2
Charm QUAD3 Test	LF-QUAD3	QUAD3
Charm QUAD-KIWI Test	LF-QUAD-KIWI	QUAD-KIWI
Charm Quinolone Test	LF-QUIN	QUIN
Charm 3 SL3 Beta-lactam Test	LF-SL3; LF-SL3-EZ	SL3
Charm SL Aflatoxin M1 Quantitative Test	LF-SLAFMQ; LF-SLAFMQ-EZ	SLAFMQ
Charm SL Aflatoxin M1 Test	LF-SLAFM	SLAFM
Charm SL Beta-lactam Test	LF-SLBL; LF-SLBL-EZ	SLBL
Charm SL-KIWI Beta-lactam Test	LF-SLKIWI	SL-KIWI
Charm Streptomycin Test	LF-STREP	STREP
Charm Streptomycin Test for Citrus	LF-STREP-CITRUS	STREP-CITRUS
Charm Sulfa Test	LF-SULF	SULF
Charm Sulfa Test ... at MRL	LF-SULFMRL	SULF
ROSA T2/HT2 Quantitative Test	LF-T2-HT2	T2-HT2
Charm Tetracycline Test	LF-TET; LF-TET-SL	TET
Charm Tetracycline Test for Citrus	LF-TET-CITRUS	TET-CITRUS
Charm Trio Test	LF-TRIO	TRIO
ROSA Zearalenone Quantitative Test – Ethanol Extraction	LF-ZEARQ-ETOH	ZEARQ-ETOH
ROSA FAST5 Zearalenone Quantitative Test	LF-ZEARQ-FAST5	ZEARQ-FAST5
ROSA WET Zearalenone Quantitative Test	LF-ZEARQ-WET	ZEARQ-WET
ROSA WET-S5 Zearalenone Quantitative Test	LF-ZEARQ-WETS5	ZEARQ-WETS5

2. Hazards Identification

CLASSIFICATION (GHS): Not classified.

LABELLING (GHS):

Symbol: None

Signal Word: None.

Hazard Statement: None.

Precautionary Statement: None.

NFPA (National Fire Protection Association) RATING – Information provided for those trained in the NFPA system.

Health: 0

Flammability: 1

Reactivity: 0

Other: -

HEALTH EFFECTS OR RISKS FROM EXPOSURE:

Acute: Not Classified for Acute Effects or Risks.

Chronic: Not Classified for Chronic Effects or Risks.

Reproductive: Not Classified for Reproductive Effects.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None identified.

3. Composition/ Information on Ingredients

Chemical Name	CAS #	Percent
Nitrocellulose	9004-70-0	< 1.0%

This and the balance of components are not classified as hazardous as defined in 29 CFR 1910.1200 (d), *OSHA Hazard communication, Hazard classification.*

4. First Aid Measures

FIRST AID PROCEDURES: No first aid procedures are anticipated.

5. Fire Fighting Measures

SUITABLE EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIREFIGHTING PROCEDURES: Firefighters should wear proper protective equipment, and if necessary self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, styrene, toxic chloride fumes, phosgene and hydrocarbons.

6. Accidental Release Measures

PERSONAL PRECAUTIONS: None required.

ENVIRONMENTAL PRECAUTIONS: None.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Sweep up and dispose of solid waste in accordance with federal, state and local regulations.

7. Handling and Storage

SAFE HANDLING PRECAUTIONS: Follow instructions in appropriate Operator's Manual for proper handling.

SAFE STORAGE CONDITIONS: Store refrigerated in tightly closed containers. See appropriate Operator's Manual for more details. Do not use if blue desiccant moisture indicator has turned purple or pink.

8. Exposure Controls/ Personal Protection

ENGINEERING CONTROLS: None required.

EXPOSURE LIMITS: Not data available.

PERSONAL PROTECTIVE EQUIPMENT -
CLOTHING/ RESPIRATORY/ SKIN/ EYE: Not applicable.

9. Physical and Chemical Properties

APPEARANCE: White strip with a yellow pad, a reddish color section and a white pad, all enclosed by color-coded tape within a transparent plastic blister; Solids; Odorless.

pH: Not applicable.

Flammability (solid, gas): Not available.

Boiling Point and Range: Not available.

Upper/ Lower Flammability Limits: Not applicable.

Melting Point: Not available.

Vapor Pressure: Not applicable.

Vapor/ Relative Density: Not available.

Solubility: Not soluble.

Flash Point: Not available.

Auto-ignition Temperature: Not applicable.

Evaporation Rate: Not applicable.

Decomposition Temperature: Not available.

10. Stability and Reactivity

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Strong oxidizers.

MATERIAL TO AVOID: Strong oxidizers, aromatic and chlorinated hydrocarbons.

HAZARDOUS REACTIONS/ DECOMPOSITION PRODUCTS: None identified.

11. Toxicological Information

ACUTE TOXICITY: No data available

INHALATION: No data available

SKIN CORROSION/IRRITATION: No data available

SERIOUS EYE DAMAGE/EYE IRRITATION: No data available

RESPIRATORY OR SKIN SENSITIZATION: No data available

GERM CELL MUTAGENICITY: No data available

CARCINOGENICITY: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, as a confirmed or suspected carcinogen by ACGIH, as a known or anticipated carcinogen by NTP, or as a carcinogen or potential carcinogen by OSHA.

REPRODUCTIVE TOXICITY: No data available

SPECIFIC TARGET ORGAN TOXICITY - single exposure (GHS): No data available

SPECIFIC TARGET ORGAN TOXICITY - repeated exposure (GHS): No data available

ASPIRATION HAZARD: No data available

POTENTIAL HEALTH EFFECTS:

Inhalation: Not classified for any inhalation effects.

Ingestion: Not classified for any oral effects.

Eyes: Not classified for any eye effects.

Skin: Not classified for any skin effects.

12. Ecological Information

TOXICITY: No data available

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: No data available

OTHER ADVERSE EFFECTS: No data available

13. Disposal Considerations

PRODUCT: Unused product is considered non-hazardous waste according to Federal US EPA regulations (40 CFR 261). Dispose of unused product in accordance with federal, state and local regulations.

PREPARATION: The hazard of the used product is determined by the sample being tested in the product. Refer to local, state and federal US EPA regulations (40 CFR 261) to determine if there are any sample hazards, and dispose used product in accordance with federal, state and local regulations.

14. Transport Information

DOT/ IMDG/ IATA: Not considered hazardous or dangerous; Not regulated for transport by DOT, IMDG, and IATA.

15. Regulatory Information

UNITED STATES REGULATORY INFORMATION

TSCA INVENTORY LIST: All components are either listed or exempt from being listed.

SARA 302 LIST: No components are subject to reporting requirements.

SARA 313 LIST: No components exceed the threshold reporting requirements.

UNITED STATES STATE REGULATORY INFORMATION:

CALIFORNIA PROPOSITION 65: No components are listed.

MASSACHUSETTS RIGHT TO KNOW: CAS # 9004-70-0, Cellulose Nitrate, is listed.

NEW JERSEY RIGHT TO KNOW: CAS # 9004-70-0, Nitrocellulose, is listed.

PENNSYLVANIA RIGHT TO KNOW: CAS # 9004-70-0, Cellulose, Nitrate, is listed.

CANADA REGULATORY INFORMATION:

DSL LIST: All components are either listed or exempt from being listed.

16. Other Information

PREPARATION DATE: 24 JAN 2017

REVISION NUMBER: 030

The above information and recommendations are based upon information believed to be accurate, but does not imply to be all-inclusive and shall be used only as a guide. All materials may present unknown hazards and should be used with caution and discretion. Charm Sciences and its affiliates shall not be held liable for any injury or damage resulting from handling or from contact with the above product.

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