

MATERIAL SAFETY DATA SHEET

Farona™ III

SECTION I – PRODUCT NAME AND COMPANY IDENTIFICATION

TRADE NAME: Farona™ III

MANUFACTURER'S NAME

REACT-NTI, LLC
4201 Woodland Road, P.O. Box 69
Circle Pines, MN 55014

DATE OF REVISION
04/17/07

TELEPHONE INFORMATION
(763) 225-6644
Emergency Phone (262) 367-2049

SECTION II – INGREDIENT INFORMATION

PRODUCT CLASS – MODIFIED NATURAL STARCH
CHEMICAL FAMILY- CARBOHYDRATE
CAS # 9005-25-8

HAZARDOUS INGREDIENTS – NONE DEFINED BY 29 CFR 1910.1200

SECTION III - HEALTH HAZARDS IDENTIFICATION

ACUTE HEALTH EFFECTS

Eyes	May cause irritation
Skin	Repeated or prolonged skin contact may result in mild irritation
Ingestion	Unlikely to be hazardous if swallowed. Low oral toxicity.
Inhalation	This product can produce a nuisance dust which should be maintained below a time weighted average of 10mg/m ³

CHRONIC HEALTH EFFECTS

None known, not listed as a carcinogen

SECTION IV - FIRST AID MEASURES

EYES	Immediately flush with water or eye wash solution, holding eyelids apart
SKIN	Wash with soap and water
INHALATION	Remove person to fresh air. If discomfort occurs and persists, obtain medical attention.
INGESTION	Treat symptomatically and supportively. If discomfort occurs, obtain medical attention.

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SECTION V - FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA
SPECIAL FIREFIGHTING
PROCEDURES**

Dry Chemical, CO₂, water fog, foam
Wear NIOSH approved respirator

**DEGREE OF FIRE AND
EXPLOSION HAZARD**

Product is a finely divided combustible powder and as such constitutes a potential fire hazard. Keep workplace dust levels below the stipulated exposure limits. Prohibit smoking and open flames. Avoid sparks or other sources of static electricity. Minimum ignition temperature of dust cloud approximately 390°C.

SECTION VI - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:
OTHER PRECAUTIONS:**

**DO NOT STORE NEAR EXCESSIVE HEAT .
NONE**

**STEPS TO BE TAKEN IN CASE
MATERIAL IS SPILLED:**

**NORMAL PRECAUTIONS FOR “NUISANCE DUST”
SHOULD BE OBSERVED. AVOID PROLONGED
INHALATION OF DUST. SWEEP UP OR VACUUM AND
PLACE IN SUITABLE CONTAINER FOR DISPOSAL.**

WASTE DISPOSAL METHODS:

**DISPOSE OF ACCORDING TO FEDERAL, STATE, AND
LOCAL REGULATIONS.**

SECTION VII - CHEMICAL AND PHYSICAL DATA

FLASHPOINT

N/A

VAPOR PRESSURE:

N/A

PERCENT VOLATILE BY VOLUME (%):

NONE

EVAPORATION RATE (BUTYLACETATE):

N/A

APPEARANCE AND ODOR:

WHITE TO PALE YELLOW POWDER/NIL

EXPLOSION LIMIT IN AIR:

LOWER:

N/A

UPPER:

N/A

SECTION VIII – STABILITY AND REACTIVITY DATA

STABILITY	Stable
CONDITIONS TO AVOID	Avoid excessive heating and open flame
HAZARDOUS DECOMPOSITION PRODUCTS	This product does not undergo spontaneous decomposition.

SECTION IX - TOXICOLOGICAL INFORMATION

EYE CONTACT	May cause irritation
SKIN CONTACT	Repeated exposure may result in mild irritation.
SKIN ABSORPTION	No data available
INHALATION	No data available
INGESTION	No data available
ACUTE EFFECTS FROM OVEREXPOSURE	May cause eye irritation
CHRONIC EFFECTS FROM OVEREXPOSURE	No data available

SECTION X – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE 100% BIODEGRADABLE
ENVIRONMENTAL EFFECTS No adverse effects known or suspected. Contains no substances at or above the reporting threshold under Section 313

SECTION XI – HANDLING AND STORAGE

HANDLING Keep container tightly closed.

STORAGE Store in a cool dry area, away from heat, sparks or fire. Mechanical handling of the powder on inadequately grounded equipment can result in static electrical discharges. All handling equipment must be properly grounded.

SENSITIVITY TO

STATIC ELECTRICITY Yes

OTHER PRECAUTIONS Use care to minimize dust generation in normal use conditions. Avoid dispersing the powder in the air. Prevent buildup of powder on surfaces.

SECTION XII - EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION: **NOT NORMALLY REQUIRED UNDER NORMAL HANDLING CONDITIONS. USE NIOSH APPROVED DUST MASK IF DUST LEVELS ARE IRRITATING**

VENTILATION: **LOCAL EXHAUST**

PROTECTIVE GLOVES: **RUBBER GLOVES.**

EYE PROTECTION: **SAFETY GLASSES OR GOGGLES.**

CLOTHING REQUIREMENTS: **WEAR UNIFORM, COVERALL OR LAB COAT.**

WASH REQUIREMENTS: **WASH BEFORE EATING, DRINKING OR USING TOILET FACILITY**

SECTION XIII – TRANSPORT INFORMATION

SHIPPING NAME	FARONA™ III
IATA	Not classified as dangerous.
IMDG	Not classified as dangerous
DOT CLASSIFICATION	Not regulated
DOT LABELS	Not applicable
DOT MARKINGS	Not applicable
HAZARDOUS SUBSTANCE/RQ	Not applicable
PRECAUTIONS TO BE TAKEN IN TRANSPORTATION	None needed

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SECTION XIV – REGULATORY INFORMATION

OSHA EXPOSURE LIMITS SUBSTANCE	Yes
ACGIH TLV-TWA	10mg/m ³
CARCINOGENIC POTENTIAL	None Known
REGULATED BY OSHA	Yes
SARA TITLE III SEC 313 (40 CFR 372)	Not listed
LISTED TOXIC CHEMICAL	No
US TOSCA STATUS	Yes

SECTION XV – ADDITIONAL INFORMATION

SECTION XVI – HMIS LABEL

HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
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