

Citricut Xtra
Information Pack

CITRICUT
XTRA

Available from Frasers Aerospace

1 St James Rd, Brentwood, Essex, CM14 4LH

www.frasersaerospace.com



CITRI CUT XTRA



Part Number: 1 US Gallon – N219A, 5 US Gallon – N219

Pack: 1 & 5 US Gallon

Manufacturer: Nuvite

Approvals: Boeing D6-17487, Douglas CSD#1, AMS 1526, AMS 1530

HS Commodity Code: USA / HS 340290503

Product Description.

Concentrated Fuselage Gel Cleaner Drywash. CitriCut Xtra, a citrus based cleaner, provides a wide range of airframe cleaning capabilities with the added benefit for fleet livery appearance. Nuvite's exclusive formulation gives exceptional cleaning power while enhancing paint gloss factors. Whether Wetwash with rinse, Waterless Dry-Cleaning to avoid affluent runoff, or Hand Detailing to enhance gloss factors the Nuvite CitriCut Xtra deposits a thin protective sealant against re-soiling and paint oxidation.

CitriCut Xtra offers the versatility of being able to wetwash with up to a 1:20 dilution dependent on soil conditions. Where waterless dry cleaning is preferred a 1:10 dilution can be utilized without the need of capturing affluent rinse runoff. CitriCut Xtra when used strictly as a hand wash/wax detail through a spray bottle application, a dilution of 4:1 is recommended for cleaning with maximum deposition of surface sealant. CitriCut Xtra is recommended for the periodic cleaning of exterior aircraft surfaces in dilutions determined by the extent, condition and type of soil to be removed.

Core Benefits.

- Can be used at 1:8 – 1:20 as needed for wetwash or waterless dry cleaning.
- Hand Wash/Wax detailing while cleaning.
- User and Environmentally friendly.
- Can be used as a penetrating degreaser at full strength.
- Completely biodegradable.
- Wide range of airframe cleaning capabilities – extremely program versatile.

Directions for use.

Routine Cleaning – Wet Wash:

Dilute 1:8-1:20 with water, depending upon soil conditions and cleaning frequency. Apply to aircraft surfaces by spray, mop, or foam application. Agitate surface to loosen soils and rinse clean with water. Allow to dry.

Dry Wash (Rinse free):

Dilute 1:8-1:12 with water, depending upon soil conditions and cleaning frequency. Apply to aircraft surfaces by spray or manually with mop/pad. Agitate surface to loosen soils, then wipe dry with a clean terry towel or string mop, thus allowing sealant to dry.

Hand Wash/Wax:

Use full strength concentrate, or up to a 4:1 dilution, depending upon soil conditions. Apply to aircraft surfaces by spray or manually with mophead/pad. Agitate surface with a wash pad to loosen soils. Do not allow work area to dry. Hand buff till dry with clean dry mophead or terry cloth pad.



Chemwipe (Handwash/Wax)

Use at full strength or dilute up to 1:4 (depending on soil amount) with water. Apply onto the aircraft surfaces manually with a mophead / pad. Agitate the painted surface to loosen soiling. Wipe dry with a clean terry towel or mop. Allow to dry.



Safety & storage.

Nuvite CitriCut Xtra does not contain toxic or extremely hazardous ingredients and is not environmentally restricted. Users should exercise routine safety procedures by wearing gloves and goggles while spraying or working with liquid chemical applications.

SMI, Inc.

12219 SW 131 Avenue
Miami, Florida 33186-6401 USA

Phone: (305) 971-7047
Fax: (305) 971-7048

Attn: Clifford Lester
Nuvite Chemical Compounds Corp.
213 Freeman Street
Brooklyn, NY 11222

Date: 02-Dec-2011
SMI/REF: 1111-946

Product: **CITRI-CUT-XTRA (Lot # 131-125)**
(received 17-Nov-2011)

Dilution: As received and 20% by volume

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AMS 1526C
Cleaner for Aircraft Exterior Surfaces
Water-Miscible, Pressure-Spraying Type

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3.2.1.1	Sandwich Corrosion	Conforms
3.2.1.2	Total Immersion Corrosion	Conforms
3.2.1.3	Low-Embrittling Cadmium Plate	Conforms
3.2.2	Hydrogen Embrittlement	Conforms
3.2.3	Flash Point	Conforms
3.2.4	Effect on Transparent Acrylic Plastics	Conforms
3.2.5	Effect on Painted Surfaces	Conforms
3.2.6	Effect on Unpainted Surfaces	Conforms
3.2.7	Storage Stability	Not performed

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Patricia D. Viani".

Patricia D. Viani, SMI Inc.

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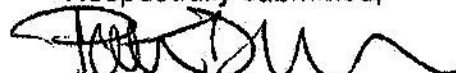
Dilution: As received and 20% by volume

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AMS 1530C
Cleaner for Aircraft Exterior Surfaces
Wipe-On Wipe-Off

3.2.1.1	Sandwich Corrosion	Conforms
3.2.1.2	Total Immersion Corrosion	Conforms
3.2.1.3	Low-Embrittling Cadmium Plate	Conforms
3.2.2	Hydrogen Embrittlement	Conforms
3.2.3	Flash Point	Conforms
3.2.4	Effect on Plastics	Conforms
3.2.5	Effect on Painted Surfaces	Conforms
3.2.6	Effect on Unpainted Surfaces	Conforms
3.2.7	Abrasive Effects	Conforms
3.2.8	Storage Stability	Not performed

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BOEING D6-17487 REVISION R
Exterior and General Cleaners and Liquid Waxes,
Polishes and Polishing Compounds

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www.frasersaerospace.com Conforms

Sandwich Corrosion Test

Acrylic Crazing Test

Conforms

Paint Softening Test

Conforms

Hydrogen Embrittlement Test

Conforms

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Douglas Aircraft Company Customer Service Document CSD No. 1

Reissued July 1997

Type I: Materials and Procedures for General Exterior
Cleaning of Painted and Unpainted Surfaces
(General Purpose Cleaner)

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Effect on Painted Surfaces	Conforms
Residue	Conforms
Sandwich Corrosion	Conforms
Stress Cracking Test on Acrylic Plastics	Conforms
Immersion Corrosion, Aluminum	Conforms
Cadmium Removal	Conforms
Hydrogen Embrittlement	Conforms

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SAFETY DATA SHEET: CITRI-CUT-XTRA

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

1.0 APPLICABLE PART #: **PC23061GL, PC23061QT, PC230655GL, PC23065GL, PC2306S, PC2306S2**

1.1 IDENTITY: **Citri-Cut-Xtra**

1.2 INTENDED USE: **Cleaning Compound**

1.3 SUPPLIER: **Universal Photonics, Inc.
495 West John Street
Hicksville, NY 11801**

FOR INFORMATION CALL
CUSTOMER SERVICE: **(516) 935-4000**
DATE PREPARED: **July 8, 2015**

1.4 EMERGENCY TELEPHONE NUMBER: **1.866.519.4752** **3-E COMPANY - ACCT # 3665**

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE: **Not Applicable**

2.2 GHS LABEL ELEMENTS:

HAZARD PICTOGRAM: **None**

HAZARD SYMBOL: **Not Applicable**

SIGNAL WORD: **Not Applicable**

HAZARD STATEMENTS: **H316 – Causes mild skin irritation
H319 - Causes serious eye irritation**

PRECAUTIONARY STATEMENTS: **P233 - Keep container tightly closed
P262 - Do not get in eyes, on skin, or on clothing
P264 - Wash hands thoroughly after handling
P280 – Wear protective gloves/eye protection/protective clothing**

PREVENTION: **Wear protective gloves. Wear eye protection to include splash goggles. Wear protective clothing. Use with ventilation. Wash hands after handling.**

RESPONSE: **In the event of skin, eye, respiratory contact or ingestion, seek medical attention immediately.**

STORAGE: **Keep container tightly closed when not in use. Do not return spent material back to original container.**

DISPOSAL: **Dispose of waste in accordance with all regulatory agencies.**

2.3 HAZARDS NOT OTHERWISE CLASSIFIED: **None known**

2.4 UNKNOWN ACUTE TOXICITY: **None known**



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SECTION 3: COMPOSITION INFORMATION

COMPONENTS	CAS #	WEIGHT %
Trade Secret Information *	N/A	100%

NOTE: *Non-Regulated components are proprietary, confidential, and trade secret.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

- SKIN: **Remove soiled clothing and flush with soap and water.**
- EYES: **Flush with water for 20 minutes and immediately seek medical attention.**
- INHALATION: **Administer fresh air or oxygen.**
- INGESTION: **Induce vomiting. Immediately seek medical attention urgently. Maintain an open airway.**

4.2 MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE & DELAYED:

- SKIN CONTACT: **May cause dryness & defatting.**
- EYE CONTACT: **Will cause moderate irritation upon direct contact.**
- INHALATION: **Breathing high concentrations may irritate nose and throat.**
- INGESTION: **Will cause serious gastric disturbances.**
- ENVIRONMENT: **None known.**
- CHRONIC: **None known**

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

Immediately contact physician for further medical advice.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

- SUITABLE EXTINGUISHING MEDIA: **Water spray, foam, dry chemical, CO₂**
- UNSUITABLE EXTINGUISHING MEDIA: **None Known**



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5.2 SPECIFIC HAZARDS ARISING FROM THE MIXTURE:

FIRE HAZARD:	None
EXPLOSION HAZARD:	None
REACTIVITY:	None
EXPOSURE HAZARDS:	Oxides of carbon.
UNUSUAL FIRE/EXPLOSION HAZARD:	None

5.3 SPECIAL PROTECTIVE EQUIPMENT: **Wear full protective safety equipment as standard practice.**

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

NON-EMERGENCY PERSONNEL:	Wear appropriate personal protection equipment (PPE). Avoid contact with skin & eyes. Do not walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
EMERGENCY RESPONDERS:	Take note of any special instructions in Section 8.

6.2 ENVIRONMENTAL PRECAUTIONS: **Do not introduce material directly into natural waterways such as rivers, lakes, streams, etc. or drains & sewers.**

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP:

SMALL SPILL:	Stop leak if safe to do so. Use inert absorbent material and dispose in proper chemical waste container or to approved waste treatment areas.
LARGE SPILL:	Stop leak if safe to do so, Approach release from upwind. Prevent entry into sewers or natural waterways. Contain and collect with inert absorbent material and place in container for disposal according to local regulations (See Section 13). Dispose via a licensed waste disposal contractor.

6.4 REFERENCE TO OTHER SECTIONS: **See Section 8, Exposure Controls & Personal Protection**

SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING: **Use recognized standard safety practices. Handle with care to avoid contact.**

7.2 CONDITIONS FOR SAFE STORAGE: **When not in use, keep closure on container closed. Store indoors. Keep away from heat and freezing conditions.**

SAFETY DATA SHEET: CITRI-CUT-XTRA

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:	NOT APPLICABLE
8.2 EXPOSURE CONTROLS:	
CONTROL PARAMETERS:	General ventilation to control worker exposure to airborne contaminants. Ensure that emergency eyewash stations are in the immediate vicinity of any potential exposure.
ENGINEERING CONTROLS:	If user operations generate dust, fumes, vapor or mist, use process enclosures, local exhaust or other engineering controls to keep worker exposure below any recommended or statutory limits.
PERSONAL PROTECTIVE CONTROLS:	
HYGENE MEASURES:	Wash hands, forearms and face thoroughly after handling product. Remove contaminated clothing and wash before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
SKIN PROTECTION:	Chemical resistant, impervious gloves are recommended if exposure is prolonged – Neoprene type. Personal protective clothing for the body should be selected based upon the task being performed.
EYES:	Avoid eye contact. Protective safety eyewear goggles are recommended if to avoid exposure to liquid splashes, mists, and dusts or when working on overhead structures if direct contact is evident.
RESPIRATORY:	Should vapors exceed PEL, wear NIOSH approved dust & organic vapor respirator.
8.3 PERSONAL PROTECTIVE EQUIPMENT (PPE):	



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
COLOR	Orange / Translucent
ODOR:	Citrus odor - medium
ODOR THRESHOLD	Not determined
PH	12.1 – 12.5



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SOLUBILITY:	Soluble in water
FLASH POINT:	212°F
LOWER FLAMMABLE LIMIT	None
UPPER FLAMMABLE LIMIT	None
AUTOIGNITION TEMPERATURE	Not applicable
DECOMPOSITION TEMPERATURE	Not applicable
FLAMMABILITY:	Not applicable
SPECIFIC GRAVITY:	1.02 at 25°C
BOILING POINT (°F):	212 °F
VAPOR PRESSURE:	18 at 20°C
VAPOR DENSITY:	Greater than 1 (Air = 1)
MELTING POINT (°F):	Not applicable
FREEZING POINT	Not applicable
EVAPORATION RATE:	Less than 1 (Butyl Acetate = 1)
VISCOSITY:	Not applicable
PARTITION COEFFICIENT N-OCTANOL / WATER:	Not Determined

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY:	None
10.2 CHEMICAL STABILITY:	Stable
10.3 HAZARDOUS REACTIONS:	None
HAZARDOUS POLYMERIZATION:	None
10.4 CONDITIONS TO AVOID:	None
10.5 INCOMPATIBLE MATERIALS:	Strong acid, alkali, oxidizing agents
10.6 HAZARDOUS DECOMPOSITION OF PRODUCTS:	Oxides of carbon



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SECTION 11: TOXICOLOGICAL INFORMATION

NOTE: **Primary route of entry is through skin with secondary route through inhalation.**

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY: **Not classified.**

LD50:

SKIN: **Not established**

INHALATION: **Not established**

INGESTION: **Not established**

11.2 POTENTIAL ACUTE HEALTH EFFECTS:

SKIN: **Possible irritation and drying during prolonged contact**

EYES: **Will cause moderate irritation and cornea damage upon direct contact**

RESPIRATORY: **May irritate nose & throat when breathing high concentrations**

INGESTION: **Will cause serious gastric disturbances**

SYMPTOMS AFTER CONTACT:

SKIN: **Irritation, dryness, redness**

EYES: **Pain, watering, burning, redness, moderate irritation**

RESPIRATORY: **Irritation, asthmatic systems, dizziness**

INGESTION: **Stomach pain, gastric disturbances**

11.3 CHRONIC HEALTH EFFECTS: **No known significant effects or critical hazards**

11.4 CARCINOGENICITY:

NTP: **None**

IARC: **None**

OSHA: **None**



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SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY:	Not known.
12.2 PERSISTENCE & DEGRADABILITY:	Not considered to be a waste or environmental hazard. Biodegradable.
12.3 BIOACCUMULATIVE POTENTIAL:	Not known
12.4 MOBILITY IN SOIL:	Not known
12.5 OTHER ADVERSE EFFECTS:	No known significant effects or critical hazards

SECTION 13: DISPOSAL INFORMATION

13.1 WASTE TREATMENT METHODS:	For small spills, contain all residues with inert absorbent material and dispose in chemical recycle container. For large spills, stop leak if safe to do so. Approach release from upwind. Dyke or dam area and vacuum all wet areas for recycle by a licensed waste disposal contractor. Avoid contact with soil, waterways, drains, and sewers unless such drains & sewers are fully compliant with the requirements of all authorities for disposal. Consult all Federal, State, & Local Regulatory authorities for proper disposal.
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SECTION 14: TRANSPORTATION INFORMATION

REGULATORY INFORMATION	UN NUMBER	PROPER SHIPPING NAME	CLASSES	PACKING GROUP	LABEL	ADDITIONAL INFORMATION
DOT CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
TDG CLASSIFICATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
ADR/RID CLASS	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
IMDG CLASS	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE
IATA-DGR	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NONE	NONE

SECTION 15: REGULATORY INFORMATION

15.1 U.S. FEDERAL REGULATIONS:	
OSHA HAZARD COMMUNICATION STANDARD:	Non-regulated
TSCA	Non-regulated
SARA (302/304):	Non-regulated
SARA (311/312):	Non-regulated

SAFETY DATA SHEET: CITRI-CUT-XTRA

SARA TITLE III:	This product does not contain any chemical subject to the reporting requirements of Section 313.
OTHER REGULATORY STANDARDS:	Not regulated per 29 CFR 1900.1000 - 1500, 40 CFR PART 261.3, 302.4, 355, 370, 372
15.2 STATE REGULATIONS:	Non-regulated
15.3 INTERNATIONAL REGULATIONS:	Non-regulated per EINECS / ELINCS / DSL / NDSL / IECSC / ENS / ECL / PICCS

SECTION 16: OTHER INFORMATION

HMIS RATING: Health 2, Flammability 0, Reactivity 0, Personal Protection B.
NFPA RATING: Health 2, Flammability 0, Reactivity 0



DEFINITIONS:

DOT –	Department of Transportation
GHS –	The Globally Harmonized System of Classification and Labeling of Chemicals
HMIS -	Hazardous Materials Identification System
NIOSH –	National Institute for Occupational Safety and Health
NORM –	Natural Occurring Radioactive Materials
IATA –	International Air Transportation Association
IMO –	International Maritime Organization
OSHA –	Occupational Safety & Health Administration
TSCA –	Toxic Substance Control Act

SDS Revision #: 2

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