

# MSDS - Material Safety Data Sheet

## Product Name: DAF - CITRUS

MSDS No.: 633

### I. Basic Information:

Manufacturer: U.N.X. INCORPORATED

Address: 707 ARLINGTON BLVD.

City, ST Zip: GREENVILLE, NC 27858

Emergency Contact: CHEMTEL

Emergency Telephone Number: 800-255-3924

Contact: AMENDT; WILSON

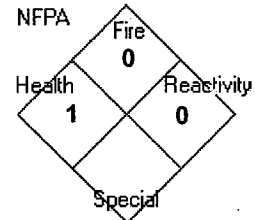
Information Telephone Number: 252-756-8616

Last Update: 03/21/2002

Expiration Date:

Chemical State:  Liquid  Gas  Solid

Chemical Type:  Pure  Mixture



1	Health
0	Flammability
0	Reactivity
C	Pers. Protection

### II. Ingredients:

Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
67630	Isopropyl alcohol	0-5						400ppm	400ppm		
57556	Propylene glycol	0-5						50ppm			
TradeSecret	PSRN57948000-5001P	5-10									
7732185	Water	80-90									

### III. Hazardous Identification:

Hazard Category:

Acute  Chronic  Fire  Pressure  Reactive

Hazardous Identification Information:

### IV. First Aid Measures:

Route(s) of Entry:

SKIN, EYES, INHALATION

Health Hazards (Acute and Chronic):

INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.  
SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.  
INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

Signs and Symptoms:

PRODUCT CAN IRRITATE SKIN. EYE CONTACT CAN CAUSE BURNING AND EXTREME IRRITATION.

Medical Conditions Generally Aggravated by Exposure:

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**Emergency and First Aid Procedures:**

FOR SKIN, FLUSH THOROUGHLY WITH SOAP AND WATER.  
FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.  
IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILK THEN INDUCE VOMITING. CALL PHYSICIAN.

**Other Health Warnings:**

***V. Fire Fighting Measures:***

Flash Point: N/A

Lower Explosive Limit: -

Upper Explosive Limit: -

F.P. Method: -

Fire Extinguishing Media: NON-FLAMMABLE/NON-COMBUSTIBLE

**Special Fire Fighting Procedures:**

USE NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS WHERE PRODUCT IS INVOLVED IN FIRE.

**Unusual Fire and Explosion:**

AVOID CONTACT WITH ACIDS AND LAUNDRY COMPOUNDS. STRONG DECOMPOSITION CAN RESULT.

***VI. Accidental Release Measures:***

**Steps to be Taken in Case Material is Released or Spilled:**

FOR A SMALL SPILL, IMMEDIATELY HOSE DOWN WITH COOL WATER AND DISPOSE TO DRAIN.  
FOR A LARGE SPILL, DIKE, COLLECT AND CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL.

***VII. Handling and Storage:***

**Precautions to be Taken:**

STORE IN A COOL DRY PLACE. KEEP CONTAINER CLOSED.

**Other Precautions:**

AVOID MIXING WITH OTHER LAUNDRY CHEMICALS.

***VIII. Exposure Controls/Personal Protection:***

**Ventilation Requirements:**

MECHANICAL VENTILATION IS ACCEPTABLE.

**Personal Protective Equipment:**

RUBBER GLOVES SHOULD BE WORN.  
SAFETY GOGGLES SHOULD BE WORN.  
OTHER PROTECTIVE MEASURES: HAVE AN EYE BATH AND SAFETY SHOWER CLOSE BY. IF POTENTIAL FOR SKIN CONTACT, HAVE AN ACID HAND WASH NEAR BY (ie. VINEGAR SOLUTION.).  
WORK HYGIENIC PRACTICES: WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES. SHOWER OR BATHE AS SOON AS POSSIBLE.

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### IX. Physical and Chemical Properties:

**Boiling Point:** 100°C

**Melting Point:** NO DATA

**Evaporation Rate (Butyl Acetate = 1):** NO DATA

**Vapor Pressure (mm Hg.):** NO DATA

**Specific Gravity (H2O = 1):** 0.99000

**Vapor Density (AIR = 1):** <1

**Solubility In Water:** EXCELLENT

**Appearance and Odor:** ORANGE LIQUID, CITRUS FRAGRANCE

**Other Information:** THIS PRODUCT CONTAINS NO PHOSPHATES  
AIR FRESHENER

### X. Stability and Reactivity:

**Stability:**

VERY STABLE

**Incompatibility (Materials to Avoid):**

AVOID CONTACT WITH ACIDS AND OTHER LAUNDRY CHEMICALS. STRONG DECOMPOSITION REACTION CAN RESULT

**Decomposition/By Products:**

AVOID CONTACT WITH ALUMINUM, ZINC, MAGNESIUM, COPPER. EXPLOSIVE HYDROGEN GAS CAN BE RELEASED.

**Hazardous Polymerization:**

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

### XI. Toxicological Information:

CONTACT U.N.X. INCORPORATED

### XII. Ecological Information:

CONTACT U.N.X. INCORPORATED

### XIII. Disposal Considerations:

FOR A SMALL SPILL, IMMEDIATELY HOSE DOWN WITH COOL WATER AND DISPOSE TO DRAIN.  
FOR A LARGE SPILL, DIKE, COLLECT AND CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL.

### XIV. Transport Information:

NOT DOT REGULATED

### XV. Regulatory Information:

UNLESS OTHERWISE NOTED, NO COMPONENTS ARE SARA TITLE 3 SECTION 313 40 CFR LISTED MATERIALS.  
THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.  
THIS PRODUCT IS NOT MADE WITH VOC'S THAT COULD CAUSE DAMAGE TO THE OZONE LAYER.

### XVI. Other Information:

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