

MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

SECTION I - MATERIAL IDENTIFICATION AND

Material Name Citrus Plus
Manufacturer TAL Products Inc. **Supplier's Name**
Street Address 5000 Dufferin St, Unit P
 Toronto Ontario **Supplier's Address**
 M3H 5T5
Emergency Tel. (416) 635-6613
Chemical Name n/ap **Chemical Family** n/ap
Molecular Weight n/av **Material Use** General purpose cleaner

SECTION II - HAZARDOUS INGREDIENTS OF

Hazardous Ingredients	Approximate Concentration	C.A.S. N.A. or U.N. Numbers	Exposure Limits	LD ₅₀ /LC ₅₀ Specify Species and Route
Nonionic surfactant	7-13	9016-45-9		LD50 (ORAL, RAT) 3000Mg/Kg LC50 (DERMAL, RABBIT) 2830Mg/Kg
Ethylene Glycol Monobutyl Ether	7-13	111.76.2	TLV = 25ppm skin (ACGIH 1987 & 1988)	LD50 (ORAL) 1480Mg/Kg (RAT) LC50 = 450ppm /4th (RAT)
D-Limonene	5-10	5989-27-5		LC50 N/AV LD50 4400Mg/Kg (ORAL, RAT)

SECTION III - PHYSICAL DATA FOR

Physical State Liquid **Odour and Appearance** Clear, Lt orange, Citrus odour
Specific Gravity 1.02 **Evaporation Rate** n/av **Boiling Point (°C)** 100
Freezing Point (°C) 0 **Solubility in Water (20°C)** Completely **% Volatile (by volume)** <85
pH 12.2 ± .5 **Density (g/ml)** n/ap **Coefficient of Water/Oil Distribution** n/ap

SECTION IV - FIRE AND EXPLOSION HAZARD OF

Flammability (If yes, under which conditions:) No
Means of Extinction n/ap
Special Procedures No special procedures
Flashpoint (°C) and Method None **UEL (% By Vol.)** n/ap **LEL (% By Vol.)** n/ap
Auto Ignition Temp. (°C) n/ap **TDG Flammability Classification** n/ap
Hazardous Combustion Products Oxides of Carbon
Explosion Data - Sensitivity to Chemical Impact n/ap **Rate of Burning** n/ap
Explosive Power n/ap **Sensitivity to Static Discharge** n/ap

SECTION V - REACTIVITY

Chemical Stability Yes. Under fire conditions
Incompatibility to Other Substances Yes. Strong oxidizing agents.
Reactivity and Under What Conditions?
Hazardous Decomposition Products Oxides of Carbons

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SECTION VI - TOXICOLOGICAL PROPERTIES OF

Route Of Entry Skin Contact Skin Absorption Eye Contact Inhalation Acute Inhalation Chronic Ingestion

Effects Of Acute Skin and eyes contact causes irritation. Could cause dermatitis and will cause nausea and

Exposure To Product vomiting if ingested.

Effects Of Chronic None known

Exposure To Product

Irritancy Of Product n/av

Exposure Limits Of Product n/av

Sensitization To Product n/av

Synergistic Materials n/av

Carcinogenicity Reproductive Effects Teratogenicity Mutagenicity

SECTION VII - PREVENTIVE

Personal Protective Equipment

Gloves Rubber

Respiratory None necessary

Eye Goggles

Footwear None special

Clothing Rubber apron

Other

Engineering Controls

Leak And Spill Procedure Flush with water.

Waste Disposal Neutralize to pH .9 before disposal.

Handling Procedures And Equipment No special precaution.

Storage Requirements Store in a cool place where possible.

Special Shipping Information None

SECTION VIII - FIRST AID

Skin Wash with soap and water.

Eye Immediately flush with water.

Inhalation n/av

Ingestion Do not induce vomiting and take to hospital emergency.

General Advise

SECTION IX - PREPARATION DATE OF

Additional Information/Comments The information herein is given in good faith but no warranty, expressed or implied, is made.

Sources Used

Prepared By: TAL Products Inc.

Phone Number (416) 635-6613

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