

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Ultra Citra-Dish Automatic Dishwashing Detergent			
Manufacturer's Name Citra-Solv, LLC.		Supplier's Name	
Street Address 188 Shadow Lake Road		Street Address	
City Ridgefield	State Connecticut	City	State
ZIP Code 06877	Emergency Telephone No. (800) 255-3924	ZIP Code	Emergency Telephone
Chemical Name N/A	Chemical Family	Chemical Formula	
Molecular Weight	Trade Name and Synonym	Material Use	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL WHMIS Class D2B

Hazardous Ingredients	Approximate Concentration	C.A.S. N.A. or U.N. Numbers	Exposure Limits	LD 50 / LC 50 Specify Species and Route
Sodium Carbonate	20 - 50	497-19-8	TLV 10 mg/m ³ (ACGIH)	Oral LD50 Rat 2,800 mg/kg
Enzyme (protease / amylase)	0.1 - 1.0		TLV 0.00006 mg/m ³	N/A

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Gas [] Liquid [] Solid [X]	Colour and Appearance White Granular powder	Odour Threshold limit p.p.m. NAV	Specific Gravity NAV
Vapour Pressure (mm) NAP	Vapour Density (Air=1) NAP	Evaporation Rate NAP	Boiling Point (C) NAP
Solubility in Water Complete at 25C	% Volatile (by volume) < 5	pH 9.5 - 10.5	Density (gm/ml) 1.02 +/- 0.1
			Freezing Point (C) NAP
			Coefficient of Oil/ Water Distribution NAV

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability, If yes under which condition? Yes [] No [X]			
Means of extinction			
Special procedures			
Flashpoint (C) and Method NAV	Upper explosion limit (% by volume) NAV	Lower explosion limit (% by volume) NAV	
Auto Ignition Temperature (C) NAV	TDG Flammability Classification NAP		Hazardous combustion products NAV
Explosion Data Sensitivity to Chemical impact	Rate of Burning NAP	Explosive power NAP	Sensitivity to Static Discharge NAV

SECTION V - REACTIVITY DATA

Chemical Stability Yes [X] No []	If no, under which condition?
Incompatibility to other substances If so which ones? Yes [] No [X]	
Reactivity and under what conditions?	
Hazardous Decomposition Products N/A	

Material Name/ Identifier

Ultra Citra-Dish Automatic Dishwashing Detergent

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SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT**Route of Entry** Skin Contact Skin Absorption Eye Contact Inhalation Acute Inhalation Chronic Ingestion**Effects of Acute Exposure to Product**

Irritation of eyes and nose may occur at very high concentrations. If ingested call Physician immediately.

Effects of Chronic Exposure to Product

Prolonged and repeated exposure may cause eye and skin irritation.

LD 50 of Product (Specify Species and Route)

NAV

Irritancy of Product

Irritation to eyes and skin

Exposure limits of Product

NAV

LC 50 of Product (Specify Species)

NAV

Sensitization to Product

NAP

Synergistic materials

NAV

 Carcinogenicity Reproductive effects Teratogenicity Mutanogenicity**SECTION VII - PREVENTIVE MEASURES****Personal Protective Equipment****Respiratory (Specify)**

3M 8233 Mask or equivalent

Eye (Specify)

Safety Glasses

Footwear (Specify)

Boots, if necessary

Gloves (Specify)

Cloth gloves

Other (Specify)

Eye wash fountains are recommended

Clothing (Specify)

Coveralls

Engineering Controls (e.g. ventilation, enclosed process, specify)

Local exhaust ventilation.

Leak and Spill Procedure

Small amounts should be flushed to sanitary sewers, if permitted by Local/ Provincial Regulations

Waste Disposal

Landfill - Dispose according to appropriate regulations.

Handling Procedures and Equipment

Avoid ingestion & inhalation, wear P.P.E. & avoid generating dust.

Storage Requirements

Store in cool, dry place away from excessive heat. Store between 10 - 48C.

Special Shipping information**SECTION VIII - FIRST AID MEASURES****Skin**

Avoid contact with skin and eyes.

Eye

Wash eyes for 15 minutes immediately after contact and call physician.

Inhalation

Move person to fresh air, if severe contact a physician.

Ingestion

Contact physician immediately

General advice

NAP

SECTION IX - PREPARATION DATE OF M.S.D.S.**Additional Information/ Comments**

The information on this MSDS relates only to specific material designated herein and does not relate to use in combination with any other material or any process.

Sources used

MSDS: General Chemical

Prepared by:

Citra-Solv, LLC.

Phone number

(800) 255-3924

Date

February 23, 2006

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