

# MATERIAL SAFETY DATA SHEET

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Citra-San

PRODUCT CODE	5797
--------------	------

ISSUE DATE	07-31-10
------------	----------

### EMERGENCY TELEPHONE NUMBERS

<b>DISTRIBUTOR</b>	<b>Quality Chemical Co.</b>	<b>Transportation: (800) 424-9300 *</b>
STREET ADDRESS	110 Hamilton Ave.	* For spill, leak, fire or transport accident emergencies.
CITY, STATE, ZIP	Merchantville, NJ 08109	<b>Product Information: (856) 662-1895</b>

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	<u>EXPOSURE LIMITS</u>		
			OSHA PEL	ACGIH TLV	NIOSH REL
Propylene Glycol Normal Propyl Ether	1569-01-3	<10	NE	NE	NE
Nonylphenol ethoxylate	9016-45-9	<25	NE	NE	NE
D-Limonene	5989-27-5	<20	NE	NE	NE
Isopropyl Alcohol	67-63-0	<30	400 ppm TWA 500 ppm STEL	400 ppm TWA 500 ppm STEL	400 ppm TWA 500 ppm STEL

## SECTION 3 -- HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	Causes eye irritation. Harmful if swallowed. Skin irritant
---------------------------	--

POTENTIAL HEALTH EFFECTS	
<b>INGESTION</b> .....	May cause abdominal discomfort, nausea, and diarrhea.
<b>INHALATION</b> .....	Inhalation of vapor or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.
<b>EYE CONTACT</b> .....	Causes irritation, experienced as pain, with excess blinking and tear production, and seen as marked excess redness and swelling of the eye with injury to the cornea.
<b>SKIN CONTACT</b> .....	Brief contact may cause may cause irritation. Prolonged contact, as with clothing wetted with material, may cause severe irritation and discomfort, seen as local redness and swelling.

<b>MSDS</b>	<b>PRODUCT</b>	Citra-San	<b>CODE</b>	5797	<b>PAGE 2 OF 4</b>
-------------	----------------	-----------	-------------	------	--------------------

## SECTION 4 -- FIRST AID MEASURES

<b>INGESTION</b>	If patient is conscious and can swallow, give two glasses of water. Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious or convulsing person. Get Immediate Medical Attention.
<b>INHALATION</b>	If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.
<b>EYE CONTACT</b>	Immediately flush eye with cool running water for 15 minutes. Remove contact lenses if applicable. Continue flushing for a minimum of 15 minutes. Get Immediate Medical Attention.
<b>SKIN CONTACT</b>	Wash with soap and water. If irritation develops or persists, get medical attention.
<b>NOTE TO PHYSICIAN</b>	Treatment based on judgment of the physician in response to reactions of the patient.

## SECTION 5 -- FIRE FIGHTING MEASURES

<b>FLASH POINT / METHOD</b>	152 degrees F (TCC)	<b>FLAMMABLE LIMITS</b>	No Data Listed
<b>EXTINGUISHING MEDIA</b>	Dry chemical, CO 2, water spray, water fog, foam for alcohols.		
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	Wear MESA/NIOSH approved self contained breathing apparatus.		
<b>FIRE AND EXPLOSION HAZARDS</b>	When heated above flash point, releases vapor. When mixed with air and exposed to ignition sources, vapors can burn in open or explode if confined. Before igniting/flashing back to vapor source. Fine sprays/mist may be combustible at temperatures below normal flash point.		

## SECTION 6 -- ACCIDENTAL RELEASE MEASURES

<b>RESPONSE TO SPILLS</b>	Steps to be taken if material is released or spilled: No smoking. Use nonflammable absorbent. Do not hose spills down drains. Avoid inhalation. Eliminate any source of ignition. Move leaking containers to a well ventilated area.
---------------------------	--

## SECTION 7 -- HANDLING AND STORAGE

<b>HANDLING PRECAUTIONS</b>	Keep container in upright position.
<b>STORAGE PRECAUTIONS</b>	Store in a cool dry place. Keep from freezing.

<b>MSDS</b>	PRODUCT	Citra-San	CODE	5797	PAGE 3 OF 4
-------------	---------	-----------	------	------	-------------

## SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene.
ENGINEERING CONTROLS	Eye wash station in Immediate vicinity.

### PERSONAL PROTECTIVE EQUIPMENT

X	<b>RESPIRATOR</b>	When airborne exposure guidelines and/or comfort levels may be exceeded, use an approved air -purifying respirator.
X	<b>GOGGLES / FACE SHIELD</b>	Do not wear contact lenses.
X	<b>APRON</b>	Recommended to keep clothing dry during use
X	<b>GLOVES</b>	Required; PVC, Neoprene or Nitrile acceptable
X	<b>BOOTS</b>	Rubber for cleaning up spills.

## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Orange Liquid	BOILING POINT	~ 212 deg F
ODOR	Citrus	FREEZING POINT	Not established
pH	6 to 8 (100% concentrate)	VAPOR PRESSURE	Not applicable
SPECIFIC GRAVITY	1.0	VAPOR DENSITY	Not applicable
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	Not determined

## SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Oxidizing Material					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Combustion may produce carbon dioxide, carbon monoxide. Unidentified organic compounds may be formed during combustion.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

## SECTION 11 -- TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

### OTHER EFFECTS

<b>ACUTE</b>	Not determined
<b>CHRONIC</b>	Not determined

<b>MSDS</b>	<b>PRODUCT</b>	Citra-San	<b>CODE</b>	5797	<b>PAGE 4 OF 4</b>
-------------	----------------	-----------	-------------	------	--------------------

## SECTION 12 -- ECOLOGICAL INFORMATION

<b>BIODEGRADABILITY</b>	<input type="checkbox"/>	<b>CONSIDERED BIODEGRADABLE</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>NOT BIODEGRADABLE</b>	<input type="checkbox"/>
<b>BOD / COD VALUE</b>	Not established					
<b>ECOTOXICITY</b>	No data available					

## SECTION 13 -- DISPOSAL CONSIDERATIONS

<b>WASTE DISPOSAL METHOD</b>	Product that cannot be used according to the label must be disposed of as a hazardous waste at an approved hazardous waste management facility. Empty containers may be triple rinsed, then offered for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.								
<b>RCRA CLASSIFICATION</b>	None								
<b>RECYCLE CONTAINER</b>	<input type="checkbox"/>	<b>YES</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>CODE</b>	2 - HDPE	<input type="checkbox"/>	<b>NO</b>	<input type="checkbox"/>

## SECTION 14 -- TRANSPORT INFORMATION

<b>DOT CLASSIFICATION</b>	<input type="checkbox"/>	<b>HAZARDOUS</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>NOT HAZARDOUS</b>	<input checked="" type="checkbox"/>
<b>DESCRIPTION</b>						

## SECTION 15 -- REGULATORY INFORMATION

### REGULATORY STATUS

<input type="checkbox"/>	<b>EPA REGISTERED (UNDER FIFRA)</b>	
<input type="checkbox"/>	<b>FDA REGULATED</b>	
<input type="checkbox"/>	<b>KOSHER</b>	
<input type="checkbox"/>	<b>SARA TITLE III MATERIAL</b>	
<input type="checkbox"/>	<b>USDA AUTHORIZED</b>	
<input type="checkbox"/>		

## SECTION 16 -- OTHER INFORMATION

### NFPA CLASSIFICATION

1	<b>BLUE</b>	HEALTH HAZARD
2	<b>RED</b>	FLAMMABILITY
0	<b>YELLOW</b>	REACTIVITY
--	<b>WHITE</b>	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Quality Chemical Company, in connection with the use of this information.