



## Citra Twister

### Material Safety Data Sheet

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Manufacturing Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheet.

SECTION I - GENERAL INFORMATION				
Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone No: 1-773-227-3700 Fax No: 1-773-227-3705		For chemical emergencies during transportation only call  INFOTRAC <b>1-800-535-5053</b> 24 hours per day - 7 days a week		
<b>Date Prepared</b> 01/01/08		<b>Trade Name</b> <b>CITRA TWISTER</b>		
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
LIMONENE FRACTION TERPENES	65996-98-7	10-20	N/E	N/E
OIL OF ORANGE	8008-57-9	10-20	N/E	N/E
ETHOXYLATED ALCOHOLS, C9-C11	68439-46-3	1-3	N/E	N/E
COCONUT DIETHANOLOMIDE	61790-63-4	1-3	N/E	N/E
*Title III Section 313 Supplier Notification: this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency planning and community Right-to-Know Act of 1966 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.				
SHIPPING INFORMATION		SPECIAL HAZARD DESIGNATIONS		
		<u>HMS</u> HEALTH	<u>HAZARD RATING</u> 1	0 -

NOT HAZARDOUS FOR SHIPPING PURPOSES.		<p style="text-align: right;">MINIMAL</p> FLAMMABILITY    0                    1- SLIGHT REACTIVITY       0                    2- MODERATE PROTECTIVE      3- SERIOUS EQUIPMENT       X                    4- SEVERE		
<b>SECTION III - PHYSICAL DATA</b>				
<b>APPEARANCE</b> YELLOW LIQUID		<b>ODOR</b> CITRUS	<b>BOILING POINT</b> 212° F	
<b>SPECIFIC GRAVITY (H2O=1)</b> .859		<b>VAPOR PRESSURE (mm Hg.)</b> 0.6	<b>VOLATILE BY VOLUME (%)</b> 20	
<b>VAPOR DENSITY (AIR=1)</b> 1.01		<b>EVAPORATION RATE (BUAC=1)</b> 71	<b>SOLUBILITY IN WATER</b> COMPLETE	
<b>SECTION IV - FIRE AND EXPLOSION HAZARD DATA</b>				
<b>FLASH POINT ( METHOD USED)</b>		<b>FLAMMABLE LIMITS</b>	<b>LEL</b>	<b>UEL</b>
142° F - C.O.C.		(PERCENT BY VOLUME)	1.1	10.6
<b>FIRE EXTINGUISHING MEDIA</b> FOAM, CARBON DIOXIDE, DRY CHEMICAL.				
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> DO NOT DIRECT WATER OR FOAM INTO HOT BURNING POOLS. THIS MAY CAUSE FROTHING AND INCREASE FIRE INTENSITY.				
<b>UNUSUAL FIRE AND EXPLOSION HAZARD</b> THIS MATERIAL MAY PRODUCE A FLOATING FIRE HAZARD IN EXTREME FIRE CONDITIONS.				
<b>SECTION V - HEALTH HAZARD DATA</b>				
PRIMARY ROUTES OR ENTRY <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin contact <input checked="" type="checkbox"/> Eye contact <input type="checkbox"/> Ingestion				

**EFFECT OF OVEREXPOSURE**

EYES: CAN CAUSE SEVERE IRRITATION.

SKIN: PROLONGED CONTACT WITH SKIN MAY DE-FAT SKIN.

INHALATION: BREATHING MIST OR SPRAY MAY IRRITATE RESPIRATORY TRACT.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

SKIN CONTACT: MAY AGGRAVATE AN EXISTING DERMATITIS.

**EMERGENCY AND FIRST AID PROCEDURES**

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET

MEDICAL ATTENTION.

SKIN: WASH EXPOSED AREA THOROUGHLY WITH SOAP AND WATER.

INHALATION: REMOVE VICTIM TO FRESH AIR.

INGESTION: HAVE VICTIM DRINK TWO GLASSES OF WATER OR MILK TO DILUTE THE PRODUCT. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NOTE: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING VICTIM.

**SECTION VI - REACTIVITY**

STABILITY	UNSTABLE		<b>CONDITIONS TO AVOID</b>
	STABLE	X	HEAT, OPEN FLAME.

**INCOMPATIBILITY (MATERIALS TO AVOID)**  
STRONG OXIDIZING AGENTS.

**HAZARDOUS DECOMPOSITION PRODUCTS**  
NONE KNOWN.

HAZARDOUS POLYMERIZATION	MAY OCCUR		<b>CONDITIONS TO AVOID</b>
	WILL NOT OCCUR	X	NONE KNOWN.

**SECTION VII - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

PICK UP WITH MOP OR WET-VAC. RINSE SPILL AREA WELL WITH WATER.

**WASTE DISPOSAL METHOD**

COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS.	
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
<b>RESPIRATORY PROTECTION (Specify type)</b> NONE NEEDED.	
<b>VENTILATION</b> ADEQUATE.	
<b>PROTECTIVE GLOVES</b> RUBBER OR NEOPRENE GLOVES	<b>EYE PROTECTION</b> SAFETY GOGGLES
<b>OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES</b> NONE REQUIRED.	
<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b> STORE IN A TIGHTLY CLOSED CONTAINER.	
<b>OTHER PRECAUTIONS</b> KEEP OUT OF REACH CHILDREN.	
This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.	

---

**Black Swan Mfg. Co.** Telephone:773-227-3700 E-mail: [info@blackswanmfg.com](mailto:info@blackswanmfg.com)  
4540 W. Thomas Street Wats:800-252-5796 Web site:<http://www.blackswanmfg.com>  
Chicago, IL 60651-3318 Fax:773-227-3705