



SECTION 1 - IDENTIFICATION

Manufacturer: Black Swan Mfg. Co. 4540 W. Thomas St. Chicago, IL 60651-3318 Tel.: 800-252-5796 Fax: 773-227-3705 Web Site : www.blackswanmfg.com E-mail : info@blackswanmfg.com	For any Transportation or Medical Chemical Emergencies call: INFOTRAC (800) 535-5053 OR (352) 323-3500 24 hours per day - 7 days a week
Product Name: Citra Twister	Recommended Use: All-Purpose cleaner. Ideal for kitchen, bathroom, and tough household jobs.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels None	NFPA HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER W Radioactive R	Fire Hazard Flash Points 4 – Below 73°F 3 – Below 100°F 2 – Above 100°F, Not exceeding 200°F 1 – Above 200°F 0 – Will not burn REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable	GHS Classification Health Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: No Environmental Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established Physical None
Signal Word None			
HMIS HEALTH 1 FLAMMABILITY 0 REACTIVITY 0			
Hazardous Statements None			Precautionary Statements P102: Keep out of reach of children P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking P262: Do not get in eyes, on skin, or on clothing P264: Wash thoroughly after handling P270: Do not eat, drink or smoke when using this product

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
ALKYLBENZENESULFONIC ACID	65996-98-7	266-034-5	N/A	5-10%
2-BUTOXYETHANOL	8008-57-9	N/A	N/A	5-10%

*Unlisted ingredients are not classified as hazardous according to OSHA 1910.1200.

SECTION 4 – FIRST-AID MEASURES

Inhalation: Move into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call physician. Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If rash or burn appears consult a physician. Eyes: Flush with water for 15 minutes. If irritation persists, get medical attention. Ingestion: Give large quantities of water or milk. DO NOT INDUCE VOMITING. Contact physician immediately.
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SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: None known.
Combustion Products: None known.
Extinguishing Media: Water Spray, Fog, Foam, CO2, Dry Chemical.
Unsuitable Extinguishing Media: None known.
Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}, and face mask. Full protective gear, including helmet.
Special Fire Fighting Procedures: Evacuate enclosed areas, stay upwind. Closed or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks. Use water spray to cool containers, to flush spills from sources of ignition and to disperse vapors. For massive fire, use unmanned hoseholders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Prevent contact with skin or eyes.
Protective Equipment: Wear suitable respiratory protective equipment.
Emergency Procedures: Remove all sources of ignition and ventilate area. For leaks, stop leak if it can be done safely. Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Methods for Cleaning Up: Eliminate all ignition sources. Stop leak if you can do without risk. Move the cylinder to a safe and open area if the leak is irreparable. Wipe up with absorbent material. Clean contaminated surfaces.

SECTION 7 – HANDLING AND STORAGE

Handling

Avoid contact with eyes and skin. Avoid prolonged breathing of vapor and mist. Use with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep products away from heat, sparks, flames and all other sources of ignition. Keep containers closed when not in use. If handling in large quantities wear rubber gloves and face shield.

Storage

Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container closed when not in use. Keep away from heat, sparks, open flame and other sources of ignition. **Incompatible Materials:** Strong oxidizing agents.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>Exposure Limits</u>		
	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
ALKYLBENZENESULFONIC ACID	N/A	N/A	N/A
2-BUTOXYETHANOL	N/A	N/A	N/A

Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed.
Ventilation: Local ventilation is adequate.
Personal Protective Equipment – Respiratory: Not required for normal use.
Personal Protective Equipment – Skin: None.
Personal Protective Equipment – Eyes: None.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Yellow	Flash Point:	142°F	Vapor Pressure:	0.60
Odor:	Citrus	Specific Gravity:	0.859	Flammability:	Not Established
pH:	Not Established	Solubility (H2O):	Complete	Flammability Limits:	LEL – Not Established
Melting Point:	Not Established	Evaporation Rate:	0.71		UEL – Not Established
Freezing Point:	Not Established	Vapor Density:	1.01		
Boiling Point:	212°F	VOC:	72 g/l		

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SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Conditions to avoid: None known.
Incompatible materials: Strong Oxidizing agents.
Hazardous decomposition products: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
ALKYLBENZENESULFONIC ACID		N/A	N/A
2-BUTOXYETHANOL		N/A	N/A

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact and Ingestion.
Symptoms and Effect - Inhalation: Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Can cause lung damage. **Skin Contact:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). **Eye Contact:** None. **Ingestion:** May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Long-Term Effect: May cause central nervous system disorder (e.g. narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and /or damage.
Pre-Existing Conditions: None known.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.
Persistence & Degradability: None known.
Bioaccumulative Potential: None known.
Mobility in soil: In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of 72g/l.

SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.): Not Regulated.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: None.
Risk Phrases: None.
Safety Phrases: **S2**-Keep out of reach of children. **S9**-Keep container in a well-ventilated place. **S16**-Keep away from sources of ignition-No smoking. **S25**-Avoid contact with eyes. **S26**-In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16 – OTHER INFORMATION

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 Mfg. 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 sheets. **DATE: 01/01/2026**