

MATERIAL SAFETY DATA SHEET



5579 Spellmire Dr.
Cincinnati, OH 45237
(800) 291-1057

EMERGENCY CONTACT: CHEMTREC (800-424-9300)

TRADE NAME: HCS Citrus Clean
CHEMICAL FAMILY: Deodorizing Air Freshener

MSDS No. HCScitrus-1
Preparation Date: 11/28/06

NEPA HAZARD SUMMARY (0-4 Scale)

Health: 1 Flammability: 1 Reactivity: 0 Special: N/A

HAZARDOUS INGREDIENTS

The materials utilized in this product are classified as **NON-HAZARDOUS** in accordance with the definition set forth by the Occupational Safety and Health Administration in 29 CFR 1910.1200.

EMERGENCY FIRST AID PROCEDURES

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

EYES: Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. If irritation persists, seek medical attention.

INHALATION: If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Have person sip a glass of water or milk if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

FIRE AND EXPLOSION DATA

<u>FLASHPOINT</u>	<u>FLAMMABLE LIMITS</u>		<u>AUTO IGNITION TEMP</u>
	<u>(LEL)</u>	<u>(UEL)</u>	
N/A	N/A	N/A	N/A

EXTINGUISHING AGENTS: Dry chemical, foam, carbon dioxide, water fog or any other agent suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

REACTIVITY DATA

<u>STABILITY</u>	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	<u>MATERIALS TO AVOID</u>
Stable	Carbon Monoxide, carbon dioxide and smoke	Strong oxidizing agents

HAZARDOUS POLYMERIZATION
Will not occur.

PHYSICAL DATA

<u>APPEARANCE & ODOR</u> Milky white liquid with citrus odor.	<u>VAPOR DENSITY (AIR=1)</u> N/A	<u>BOILING POINT</u> N/A	<u>SOLUBILITY IN WATER</u> Soluble
<u>SPECIFIC GRAVITY</u> 1.00	<u>EVAPORATION RATE (N-Butyl Acetate=1)</u> N/A	<u>VAPOR PRESSURE (mmHg)</u> N/A	<u>PERCENT VOLATILE BY VOLUME</u> N/A

CHEMICALS LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN

OSHA: NO IARC MONOGRAPHS: NO NTP: NO

HEALTH HAZARD DATA

SKIN: May cause irritation.
EYES: May causes irritation.
INHALATION: Mists and vapors can irritate the throat and respiratory tract.
INGESTION: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None are known.

PERSONAL PROTECTION DATA

<u>RESPIRATORY PROTECTION</u> None generally required	<u>EYE PROTECTION</u> Chemical goggles	<u>PROTECTIVE GLOVES</u> Rubber or neoprene	<u>OTHER PROTECTIVE EQUIPMENT</u> None
<u>VENTILATION:</u>	<u>Mechanical</u> None	<u>Local</u> General ventilation	<u>Special</u> None

SPECIAL PRECAUTIONS

Store in a cool area away from oxidizing agents. Keep from freezing.

SPILL OR LEAK PROCEDURES

Isolate spill or leak area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Floor may be slippery. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. Large spills should be diked far ahead of the liquid spill and pumped into containers for disposal.

DOT SHIPPING INFORMATION

Not regulated

N/A = Not Applicable
NFPA = National Fire Protection Association
NOIBN = Not Otherwise Identified by Name
TLV = Threshold Limit Value
UNK = Unknown at This Time

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