MATERIAL SAFETY DATA SHEET

Product and Company Identification

GreenLABS CHEMICAL SOLUTIONS
A Division of Superior Solutions Ltd.
851 Progress Court, Oakville, Ontario Canada L6L 6K1
Tel: 1-800-921-5527 www.superiorsols.com

HEALTH	1	0 – Insignificant 1 – Slight 2 – Moderate 3 – High 4 – Extreme	 
FLAMMABILITY	0		
REACTIVITY	0		
PERSONAL PROTECTION	B		

Product Name: OVI-CHOC
Code(s): OVICHOC-1, OVICHOC-4
Material Uses: OVI-CHOC is an organic product. This product breaks down grease and other organic waste in drains and pipes. OVI-CHOC also controls odor caused by the accumulation of organic matter in decomposition.
24-Hr Emergency Tel: CANUTEC (613) 996-6666 or *666 (on a cellular phone)

Hazardous Ingredients

Ingredients	CAS#	% wt.	LC_{50}	LD_{50}
Benzenesulfonic acid, C10-16-alkyl derivs.*	68584-22-5	1 - 5	NA	775 mg/kg (oral, rat); 2000 mg/kg (dermal, rabbit)

*Contains biological cultures/microorganisms including less than 0.01% of Lipase (CAS# 9001-62-1) and Subtilisin (CAS# 9014-01-1.)

Physical Data

Physical State: Translucent liquid
Color: Green
Odor: Lemon
pH: 4.7 – 5.3
% Volatile by volume: NA
Evaporation Rate (n-Butyl acetate = 1): NA
Freezing Point: NA
Boiling Point: NA
TLV: NA
Specific Gravity/Density (water = 1): NA
Vapor Density (Air = 1): NA
Vapor Tension: NA
Solubility in water: Soluble

Fire and Explosion Data

Fire Hazards/Conditions of Flammability: Does not burn under normal handling conditions
Auto-Ignition Temperature: NA
Flash Point: NA
Flammable Limits: NA
Explosion Data – sensitivity to mechanical impact: Not sensitive
Explosion Data – sensitivity to static discharge: Not sensitive
Extinguishing Media: Carbon dioxide, dry chemical powder and appropriate foam for surrounding products.
Special Fire-fighting Procedures/Equipment: During a fire, irritating smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray maybe useful in cooling equipment and cans exposed to heat and flame.
Hazardous Combustion Products: Carbon oxides and other irritating fumes and smoke

Reactivity and Stability Data

Stability and Reactivity: Stable under the recommended storage and handling conditions prescribed.
Polymerization: Hazardous polymerization will not occur.
Conditions to Avoid: Incompatible materials
Materials to Avoid: Incompatible materials
Hazardous Decomposition Products: None known Refer to Hazardous Combustion Products.
Incompatible Materials: Strong oxidizers, strong acids and bases, etc.

First Aid Measures

Eye contact: Immediately flush the contaminated eye(s) with running water for a few (5) minutes. Obtain medical attention.
Skin contact: Wash contaminated area with running water for a few (5) minutes. Obtain medical attention.
Inhalation: Remove source of contamination or move victim to fresh air. If not breathing, give artificial respiration. Obtain medical attention immediately.
Ingestion: Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Repeat administration of water. Obtain medical attention immediately.

Preventive Measures

Spill Response/Cleanup: Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal. Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.
Personal Precautions: Restrict access to area until completion of cleanup. Ensure cleanup is conducted by trained personnel only. All persons dealing with cleanup should wear the appropriate protective equipment.
Environmental Precautions: Confine spill, preventing it from entering sewer lines or waterways. Dispose of as per local, state and federal regulations.
Personal Protective Equipment: Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mist, vapour and dust from entering the eyes. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in the work area.
Respiratory Protection: Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirator if the exposure limits are unknown.
Engineering Controls: Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits.
General Hygiene Considerations: Avoid generating high concentrations of dusts, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dusts, vapours or mists. Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.
Storage: Store in a cool, dry, well-ventilated area (15-30ºC) out of direct sunlight, away from heat and ignition sources. Store away from incompatible materials. Do not store near food, foodstuffs, drugs or potable water supplies. Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.
Safe Handling Procedures: Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dusts, vapours or mists. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame.

Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials. Keep containers closed when not in use. Empty containers are always dangerous. Assume that empty containers contain residues which are hazardous.
Incompatible Materials: Strong oxidizers, strong acids and bases, etc.

Toxicological Information

Primary Routes of Entry: Skin contact, skin absorption, eye contact, ingestion and inhalation
Effects of Short-term (acute) Exposure:
Inhalation: May cause slight irritations to the nose, throat and respiratory tract.
Skin: Direct contact may cause slight irritation.
Eye: Direct contact may cause slight irritation.
Ingestion: Ingestion may cause slight irritations to the mouth, throat and stomach. May be harmful if ingested in large quantities.
Toxicological Data: There is no available data for the product itself, only for the ingredients. For more details refer to **Hazardous Ingredients**.
Respiratory Tract Sensitization: Possible allergic reaction
Skin Sensitization: NA
Conditions Aggravated by Exposure: NA
Synergistic Materials: NA
Environmental Effects: There is no available data on the product itself.
Aquatic Toxicity: NA
Carcinogenic Effects: Classified None by OSHA, IARC, ACGIH,
Toxicity to Reproductive System: NA
Teratogenic Effect: NA
Mutagenic Effect: NA

Regulatory Information

TDG Road/Rail: Not controlled under TDG (Canada)
WHMIS: Class D2A and D2B: Toxic material with other effects

Preparation Information

Prepared By: GreenLABS QA & Control
Date: April 6, 2016
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NA = Not available