

FLOORSTAR LIGHT DUTY CLEANER 4

Product: 098

Revision date: 2010/01/18

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Mixture.

Product uses: Floor care.

Manufacturer: ServiceMaster Clean
3839 Forest Hill-Irene Road
Memphis, TN 38125-2502.

Manufacturer emergency phone number: Chemtrec 800-424-9300 (24h). Canutec 613-996-6666.

Product name: FloorStar Light Duty Cleaner 4

Formula: F1172

Section 2 : INGREDIENT INFORMATION

CAS#	CONCENTRATION %	Ingredient Name	FLU	LD50	LC50
68131-39-5	1-5	ALCOHOLS, C12-C15, ETHOXYLATED	NOT AVAILABLE	2000 MG/KG RAT ORAL	NOT AVAILABLE
68439-46-3	1-5	ALCOHOLS, C9-C11, ETHOXYLATED	NOT AVAILABLE	1278 MG/KG RAT ORAL >2000 MG/KG RABBIT DERMAL	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: This product contains 40-70% water (CAS# 7732-18-5). (supplier). CAS# 68131-39-5: LD50 1800 mg/kg rat oral. CAS# 68439-46-3: LD50 1200 mg/kg rat oral.

Note: In accordance with OSHA's Hazard Communication Standard, ingredients listed in this section are those identified as being hazardous and present at concentrations greater than 1%, or greater 0.1% if the substance is a listed carcinogen.
Information concerning ingredients identified as "Proprietary" will be made available as provided in 29 CFR 1910.1200(i).

Section 3 : HAZARD IDENTIFICATION

Emergency Overview: Clear blue liquid with fruit odour.

May cause eye, skin and respiratory tract irritation. May be absorbed through the skin.

Route of entry: Eye contact, skin contact, skin absorption, inhalation and ingestion.

Effects of acute exposure

Eye contact: May cause irritation.

Skin contact: May cause irritation.

Skin absorption: May be absorbed through the skin.

Inhalation: No data on symptoms available.

Ingestion: May cause nausea and vomiting. May cause stomach distress.

Effects of chronic exposure: Prolonged or repeated contact may cause drying, defatting and dermatitis.

Sensitization to product: Not a respiratory sensitizer.

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: None known.

Teratogenicity: None known.

Mutagenicity: None known.

Synergistic materials: Not available.

Section 4 : FIRST AID MEASURES

Skin contact: Flush affected area with water. Wash with soap and water, rinse thoroughly. If irritation persists, obtain medical attention.

Eye contact: Immediately flush with cool water. Remove contact lenses, if any, after the initial flushing, and then continue flushing for 15 minutes. Obtain medical attention immediately.

Inhalation: Remove victim to fresh air. If irritation persists, seek medical attention.

Ingestion: Rinse mouth with water several times. Obtain medical attention. Do not induce vomiting. Give 1-2 glasses of water. Never give anything by mouth to an unconscious person.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Not flammable.
Conditions of flammability: Surrounding fire.
Extinguishing media: Use appropriate extinguishing media for surrounding fire.
Special procedures: Self-contained breathing apparatus required. Firefighters should wear the usual protective gear.
Auto-ignition temperature (°C): Not applicable.
Flash point (°C), method: None
Lower flammability limit (% vol): Not applicable.
Upper flammability limit (% vol): Not applicable.
Explosion Data
Sensitivity to static discharge: Not available.
Sensitivity to mechanical impact: Not available.
Hazardous combustion products: Oxides of carbon (COx).
Rate of burning: Not available.
Explosive power: Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Absorb spill with an inert absorbent material. Prevent entry into drains, sewers, and other waterways. Wear appropriate protective equipment. Place in covered and labelled container.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: Maintain a good personal hygiene. Use adequate ventilation. Wear personal protective equipment appropriate to task. Avoid breathing vapors. Wash thoroughly after handling. Keep out of reach of children. Avoid contact with skin, eyes and clothing. Do not take internally. Launder contaminated clothing prior to reuse.
Storage requirements: Store away from incompatible materials. Keep containers tightly closed.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Rubber gloves.
Advice should be sought from glove suppliers.

Respiratory/Type: Not normally required.

Eye/Type:



Safety glasses.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: As required to prevent skin contact.

Ventilation requirements: General ventilation usually adequate.

Exposure limit of material: Not available.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.
Appearance & odor: Clear blue liquid. Fruity odor. Water thin.
Odor threshold (ppm): Not available.
Vapour pressure (mmHg): Not available.
Vapour density (air=1): Not available.
Volatiles (%)
By volume: Not available.
Evaporation rate (butyl acetate = 1): Not available.

Boiling point (°C): 100°C (212°F)
Freezing point (°C): Not available.
pH: 7.75 – 8.25 (100%)
Specific gravity @ 20 °C: 0.9982 – 1.002
Solubility in water (%): Complete.
Coefficient of water/oil dist.: Not available.

Section 10 : STABILITY AND REACTIVITY

Chemical stability: Product is stable under normal handling and storage conditions.
Conditions of instability: Do not mix with other chemicals.
Hazardous polymerization: Not available.
Incompatible substances: Acids Oxidizers.
Hazardous decomposition products: See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: Not available for mixture, see the ingredients section.
LC50 of product, species & route: Not available.

Section 12 : ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: Dispose in accordance with local, provincial/state, and federal regulations.
Hazardous Waste Classification: Not available.

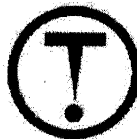
Section 14 : TRANSPORT INFORMATION

D.O.T. CLASSIFICATION: Not regulated.

Section 15 : REGULATORY INFORMATION

WHMIS Regulatory Information

WHMIS classification: D2B



DSL status: All ingredients are listed on the DSL/NDL.

OSHA Regulatory Information

TSCA inventory: All the chemicals in this product are on the TSCA inventory list or are otherwise exempt from TSCA requirements, such as impurities, by-products and unwanted constituents.
SARA hazard categories Immediate (Acute) Health Hazard: Yes. Delayed (Chronic) Health Hazard: Yes. Fire Hazard: No. Sudden Release of Pressure: No.
sections 311/312: Reactive: No.
SARA Section 313: Not regulated.
CERCLA reportable quantity: Not reportable.
CA Proposition 65: This product may contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2009/12/08

This MSDS was generated by *Conform-Plus* Application Service. Visit us at www.netmsds.com.