FLOORSTAR DUOCLENE

Product: 071

Revision date: 2010/05/13

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Mixture.

Product uses: Floor care.

Manufacturer: ServiceMaster Clean
3839 Forest Hill–Irene rd.
Memphis, TN
38125.

Manufacturer emergency phone number: Infotrac 24/7: 1–800–535–5053.

Product name: FloorStar Duoclene.

Formula: F1086B

Section 2 : INGREDIENT INFORMATION

CAS	CONCENTRATION %	Ingredient Name	TLV	LD50	LC50
497–19–8	1 – 5	SODIUM CARBONATE	NOT AVAILABLE	4090 MG/KG RAT ORAL 6600 MG/KG MOUSE ORAL	2300 MG/M3/2H RAT INHALATION 1200 MG/M3/2H MOUSE INHALATION
68131–39–5	3 – 7	ALCOHOLS, C12–C15, ETHOXYLATED	NOT AVAILABLE	2000 MG/KG RAT ORAL	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier). CAS# 68131–39–5: LD50 1800 mg/kg rat oral. CAS# 497–19–8: TLV 10 mg/m3. This product contains >85% water (7732–18–5). CAS# 497–19–8: LC50 400 mg/m3 4 hr.

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 turquoise to blue liquid; mint fragrance.
Skin and eye irritant.

Route of entry: Skin contact, eye contact and ingestion.

Effects of acute exposure

Eye contact: May cause irritation.

Skin contact: May cause irritation.

Inhalation: No adverse effects expected.

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 available.

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

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. Seek medical attention if irritation persists.

Inhalation: Remove victim to fresh air. No problem is anticipated. Seek medical attention if symptoms persist.

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: Contact with certain metals may yield explosive hydrogen gas.

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. Before attempting clean up, refer to hazard caution information in other section of this sheet.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: Avoid breathing vapors/mists. Use adequate ventilation. Wear personal protective equipment appropriate to task. 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 for mixture, see section 2A.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Mint odor. Clear turquoise to blue. 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. (ether = 1).

Boiling point (°C): Not available.

Freezing point (°C): Not available.

pH: 11 – 12 @100%

Specific gravity @ 20 °C: (water = 1). 1.01–1.03

Solubility in water (%): Complete.

Coefficient of water\oil dist.: Not available.

Section 10 : STABILITY AND REACTIVITY

Chemical stability: Product is stable.

Conditions of instability: Do not mix with anything but water. Reacts with acids. Reacts with metals.

Hazardous polymerization: Not available.

Incompatible substances: Acids Oxidizers. Soft metals.

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 for mixture, see the ingredients section.

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.

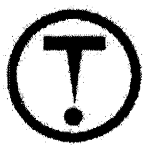
Section 14 : TRANSPORT INFORMATION

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/NDSL.

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 sections 311/312: Immediate (Acute) Health Hazard: Yes. Delayed (Chronic) Health Hazard: Yes. Fire Hazard: No. Sudden Release of Pressure: No. Reactive: No.

SARA Section 313: Not regulated.

CERCLA reportable quantity: Not reportable.

CA Proposition 65: None

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2010/05/11

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