FLOORSTAR POWERSTRIP FINISH REMOVER

Product: 096 Revision date: 2010/01/18

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Mixture.

Product uses: Floor stripper.

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 PowerStrip Finish Remover

Formula: F1337B

Section 2 : INGREDIENT INFORMATION

CAS	CONCENTRATION %	Ingredient Name	TLV	LD/50	LC/50
111-76-2	15 - 40	2-BUTOXY ETHANOL	20 PPM	250 MG/KG RAT ORAL 1167 MG/KG MOUSE ORAL 300 MG/KG RABBIT ORAL 220 MG/KG RABBIT DERMAL	450 PPM/4H RAT INHALATION 700 PPM/7H MOUSE INHALATION 3380 MG/M3/7H MOUSE INHALATION 2900 MG/M3/7H RAT INHALATION
141-43-5	5 - 10	ETHANOLAMINE	3 PPM	1720 MG/KG RAT ORAL 700 MG/KG MOUSE ORAL 1 ML/KG RABBIT DERMAL 1000 MG/KG RABBIT ORAL	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: This product contains 40–70% water (CAS# 7732–18–5).

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 yellow liquid with solvent odor.

Corrosive and combustible material. May cause skin sensitization. Harmful if swallowed. May cause chemical burns.

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

Effects of acute exposure

Eye contact: May cause permanent damage. Causes chemical burns.

Skin contact: Effects may be delayed. Causes chemical burns.

Skin absorption: May be absorbed through the skin.

Inhalation: May irritate respiratory tract.

Ingestion: Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.

Effects of chronic exposure: May cause liver and kidney damage. May cause blood damage. May lead to absorption of harmful amounts. Prolonged or repeated contact may cause drying, defatting and dermatitis.

Sensitization to product: May cause skin sensitization. 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. Do not induce vomiting. Give 1–2 glasses of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

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: Combustible.

Conditions of flammability: Heat, sparks and open flames.

Extinguishing media: Alcohol foam, dry chemical or carbon dioxide (CO_2).

Special procedures: Self-contained breathing apparatus required. Firefighters should wear the usual protective gear.

Auto-ignition temperature (°C): Not applicable.

Flash point (°C), method: Tag Closed Cup. 74°C (165°F)

Lower flammability limit (% vol): Not available.

Upper flammability limit (% vol): Not available.

Explosion Data

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Hazardous combustion products: Oxides of nitrogen (NOx). Oxides of carbon (COx). Ammonia (NH_3).

Rate of burning: Not available.

Explosive power: Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of ignition. 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: Keep away from heat, sparks, and open flame. 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. Discard clothing that cannot be decontaminated.

Storage requirements: Store away from all sources of ignition. 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 necessary, if adequate ventilation provided.

Eye/Type:

Splash proof chemical goggles.

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 the ingredients section.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Yellow. Solvent odour. Clear 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): Not available.

Freezing point (°C): Not available.

pH: 11.6 – 11.8 (100%)

Specific gravity @ 20 °C: 0.975 – 0.985

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: Reacts with metals.

Hazardous polymerization: Not available.

Incompatible substances: Acids Caustics. Oxidizers. 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: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (monoethanolamine)
UN3267
Class 8
PG III.

Section 15 : REGULATORY INFORMATION

WHMIS Regulatory Information

WHMIS classification: B3, E, 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: Yes. Sudden Release of Pressure: No. Reactive: No.

SARA Section 313: Ethylene Glycol Monobutyl Ether (111-76-2).

CERCLA reportable quantity: Not reportable.

CA Proposition 65: None

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2009/12/08

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