



FIBERFRESH CRYSTALLIZING CLEANER AND SPOTTER

Product: 036

Revision date: 2015/12/28

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Mixture.
Product uses: Carpet care.
Manufacturer: ServiceMaster Clean
 3839 Forest Hill-Irene Road
 Memphis, TN 38125-2502
 800-756-5656.

Manufacturer emergency phone number: Infotrac 24/7: 1-800-535-5053
Product name: FiberFresh Crystallizing Cleaner & Spotter

Formula: F1189B

Section 2: INGREDIENT INFORMATION

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
1330-43-4	1 - 5	BORAX	2 MG/M3	1200 MG/KG RAT ORAL 1060 MG/KG MOUSE ORAL	NOT AVAILABLE
151-21-3	1 - 5	SODIUM LAURYL SULFATE	NOT AVAILABLE	1288 MG/KG RAT ORAL	NOT AVAILABLE
3097-08-3	1 - 5	MAGNESIUM LAURYL SULFATE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
52720-34-0	1 - 5	STYRENE MALEIC ANHYDRIDE POLYMER	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier). This product contains 60-100% water (CAS# 7732-18-5). CAS# 151-21-3: TLV 10 mg/m3. CAS# 1330-43-4: TLV 1 mg/m3.

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: Light yellow liquid with ammonia odor.
 May cause eye, skin and respiratory tract irritation. May cause reproductive effects.

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

Effects of acute exposure

Eye contact: May cause irritation.

Skin contact: May cause irritation.

Inhalation: May cause irritation of the respiratory tract.

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: May affect reproductive system.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 4: FIRST AID MEASURES

Skin contact: Remove contaminated clothing and flush the skin with large amounts of water followed by soap and water. Seek medical attention if irritation persists.

Eye contact: Immediately flush with 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. Seek medical attention if symptoms persist.

Ingestion: Do not induce vomiting, seek medical attention. Never give anything by mouth to an unconscious person. Rinse mouth, then give water to dilute.

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:	As suitable for surrounding fire.
Special procedures:	Firefighters should wear the usual protective gear. Wear a self contained breathing apparatus.
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 (CO, CO ₂). Oxides of sulfur (SO _x).
Rate of burning:	Not available.
Explosive power:	Not available. Section 6: Not applicable.

Section 6: ACCIDENTAL RELEASE MEASURES



Leak/Spill:	Absorb with inert material. Prevent entry into drains, sewers, and other waterways. Wear appropriate protective equipment. Place in covered and labelled container. Call emergency response. Before attempting clean up, refer to hazard caution information in other section of this sheet.
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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. Store in closed containers.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:	 Rubber gloves. Advice should be sought from gloves suppliers.
Respiratory/Type:	Not necessary, if adequate ventilation provided.
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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Appearance & odor:	Ammonia odour. Light yellow. Slightly viscous.
Odor threshold (ppm):	Not available.
Vapour pressure (mmHg):	Not available.
Vapour density (air=1):	Not available.
Volatiles (%)	
By weight:	Not available.

Evaporation rate (butyl acetate = 1): Not available (ether = 1).
Boiling point (°C): Not available
Freezing point (°C): Not available.
pH: 8.8 – 9.2 @ 100%
Specific gravity @ 20 °C: (water = 1) 1.029 – 1.041
Solubility in water (%): Complete
Coefficient of water\oil dist.: Not available.

Evaporation rate (butyl acetate = 1): Not available

Section 10: STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.
Conditions of instability: Do not mix with other chemicals.
Hazardous polymerization: Not available.
Incompatible substances: 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 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: D2A, 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: None
CERCLA reportable quantity: Not reportable
CA Proposition 65: None.

Section 16: OTHER INFORMATION

Supplier MSDS date: 2015/12/28.

This MSDS was generated by *ServiceMaster Product Development*.