

FilmFree Advanced Cleaning Formula

Revision Date 9/25/2015

1. Identification of the substance/preparation and company

Product Name : FilmFree Advanced Cleaning Formula

Product Code : FF-83110

End Uses : Floor Spot Cleaner

Company Identification :

Cal-Flor Accessory Systems
 1000 Cal Oak Road, Oroville, CA 95965
 Information Phone : (530) 534-1426
 Emergency Phone : (888) 277-3567
 Website Address : www.Cal-Flor.com

2. Hazards identification

Classification:

Eye irritation : Category 2

Label Hazard Statement:

CAUTION : Eye irritant. Avoid contact with eyes.



Potential Health Effects :

- Eye : Can cause severe irritation, redness, tearing, blurred vision.
- Skin : Short contact – no irritation. Prolonged or frequently repeated contact can cause irritation.
- Ingestion : Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Inhalation : Excessive inhalation of vapors can cause nasal and respiratory irritation.

Chronic Overexposure : No information available.

Teratology and Reproduction Information : No information available.

Aggravation of Pre-Existing Conditions : No information available.

OSHA Hazard Communication Standard : This product is defined as hazardous by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

3. Composition / Information on Ingredients

Component	CAS #	Weight %
2-Butoxyethanol	111-76-2	<3%
Ammonia Hydroxide (25%)	1336-21-6	<3%
Water	7732-18-5	>95%

4. First aid measures

Eye Contact : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact : Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

Inhalation : If overcome by vapor, move person to fresh air. Restore respiration if necessary. Get medical attention if injury develops.

Ingestion : Rinse mouth. If conscious give 1 glass of water to dilute. Do NOT induce vomiting. Immediate medical attention is required.

Notes for Physician : Treat symptomatically. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

5. Fire-Fighting measures

Protective equipment: Wear fully protective suit. Mouth respiratory protective device. Do not inhale explosion gases or combustion gases.

Extinguishing Media: CO₂, sand, extinguishing powder.

Flash point: Not available

Auto ignition Temperature: Not Applicable.

Special fire & explosion hazards: None.

Exiting using media: Dry Chemical, Carbon Dioxide, and Foam

Unusual Fire or Explosion Hazards: None.

6. Accidental release measures

Small Spill : Absorbent liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill : White or scrape up any material. Wash area thoroughly with detergent and water; ventilate adequately with good fresh air movement at floor level.

Measures for environmental protection : Do not allow much product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

7. Handling and storage

Information for safe handling : Wash thoroughly after handling. Use only in a well ventilated area. Do not get on skin or in eyes. Do not ingest or inhale. I

Storage : Emptied containers and may contain product residue; therefore, all precautions given this sheet must be observed. Store in a cool place, out of hot sun and below 100°F.

8. Exposure Pontrols / Personal Protection

Ingredients	CAS #	ACGIH TLV		OSHA PEL	
		TWA	STEL	PEL	STEL
2-Butoxyethanol	111-76-2	20 ppm	N/Av	50 ppm (skin)	N/Av
Ammonia	1336-21-6	25 ppm	35 ppm	50 ppm	N/Av

Ventilation and Engineering Controls : Provide sufficient ventilation to maintain exposure below TLV's.

Respiratory Protection : None required when used as intended.

Body Protection : None required when used as intended.

Protective Gloves : None required when used as intended.

Eye Protection : None required when used as intended.

9. Physical and chemical properties

General Information

Form : Viscous Liquid

Color : Clear

Odor : Slight

Melting point/melting range :	32° F
Boiling point/Boiling range :	212° F
Flash point :	Not available
Self-igniting :	Not
Danger explosion :	Product does not present an explosion hazard
Density: Relative density :	<1 (water=1)
Density: Vapor density :	Not available
Evaporation rate :	Not available
Solubility in water :	Total
PH-Value :	Not available
Viscosity :	Not available

10. Stability and reactivity

Chemical Stability :	The product is stable.
Incompatibility :	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products :	The following combustion products may be generated: carbon dioxide, carbon monoxide, various hydrocarbons.
Hazardous Polymerization :	Hazardous polymerization will not occur.

11. Toxicological information

Toxicity to Animals :	This product has not been tested as a whole
Chronic / Carcinogenicity :	Not listed by ACGIH, IARC, NIOSH, NTP or OSHA
Effects on Humans :	This product has not been tested as a whole.
Other Toxic Effects on Humans :	None
On the Skin :	Irritating effect possible
On the Eye :	Irritating effect possible
Routes of Exposure :	Inhalation, skin contact, eye contact

12. Ecological information

Ecotoxicological effects :	Not available
Aquatic toxicity :	Not available

13. Disposal considerations

Product : Must be disposed of in accordance with applicable Federal, state, and local regulations.
Recommendation : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

Land Transport (ADR-RID):	Not regulated.
Sea Transport (IMDG) [English only]:	Not regulated.
Air Transport (ICAO-IATA) [English only]:	Not regulated

15. Regulatory information

HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200
U.S. Federal Regulation: None
TSCA inventory: All components are listed or exempted.

SARA 301/302/303: No chemicals in this product are listed as extremely hazardous substances in 40 CFR 355. Emergency Planning and Notification.

SARA 304: No chemicals in this product require reporting under the requirement of 40 CFR 355. Emergency Planning and Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances listed in Table 302.4 of 40 CFR part 302).

SARA 313: This product contains no chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Table 372.65).

Specific state and local regulations should be consulted to determine if there are any additional requirements. Because many States and localities have added requirements or incorporated the Federal contents in their own forms; Tier I & II forms should be obtained from the State Emergency Response Commission (SERC).

US State Right to Know Laws: California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: 2-butoxyethanol (CA, MA, MN, NJ, PA, RI); Ammonium hydroxide (CA, MA, NJ, PA).

16. Other information

NFPA Ratings : Health = 1; Fire = 1; Reactivity = 0

HMIS Ratings : Health = 1; Fire = 1; Reactivity = 0

Other Ratings : Xi: Irritant Xn: Harmful

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may be applicable.