



EUREKA CHEMICAL COMPANY



SAFETY DATA SHEET

1. Identification

Trade name: Fluid Film Aerosol Black

Supplier: Phone: 650-761-3536
 Fax: 650-589-1943
 Contact Phone: 1-650-761-3536
 info@fluid-film.com

Emergency number: Chemtrec (800) 424-9300

Issue date: 01/01/2023

2. Hazard(s) identification

Classification:

As a consumer product labeling is in accordance with the US Consumer Product Safety Commission. The elements below are not included on package label as they apply to industrial products.

| Physical hazards | Health hazards |
|---|------------------------------|
| Flammable aerosol Category 1 Gases under pressure Compressed gas | Aspiration hazard Category 1 |

Label Elements:

Danger!



| Hazard statements (GHS US) | Precautionary statements (GHS US) |
|--|--|
| H222 - Extremely flammable aerosol H280 - Contains gas under pressure; may explode if heated H304 - May be fatal if swallowed and enters airways | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Pressurized container: Do not pierce or burn, even after use. P301+P310 - If swallowed: Immediately call a poison center or doctor. P331 - Do NOT induce vomiting. P405 - Store locked up. P410+P412 - Protect from sunlight. Do not expose to |

temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

3: Composition/Information on ingredients

| Component | CAS-No. | Amount (%) |
|--|------------|------------|
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 | 40 - 80 |
| Propane | 74-98-6 | 1 - 25 |
| Benzenesulfonic acid, di-C10-18-alkyl derivs., calcium salts | 93820-57-6 | < 2 |
| Carbon Black* | 1333-86-4 | 0.1-<1 |

* Carbon black only presents a risk of cancer by inhalation of very fine dust. There is no exposure to respirable carbon black dust in the normal use of this product.

Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

4. First-aid measures

Inhalation: Move the affected person to the fresh air. Get medical attention if symptoms occur.

Skin: Gently wash with plenty of soap and water. Get medical advice if skin irritation persists.

Eyes: Rinse cautiously with water for several minutes. Get medical attention if irritation develops and persists.

Ingestion: Do NOT induce vomiting. Immediately call a poison center or doctor/physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Do not induce vomiting. Call a physician immediately.

Symptoms/effects: Aspiration hazard. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

Immediate medical attention and special treatment, if necessary: Aspiration hazard. If accidentally swallowed obtain immediate medical attention.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None.

Fire hazard: Extremely flammable aerosol. Prolonged exposure to fire may cause containers to rupture/explode. On burning: release of carbon monoxide - carbon dioxide.

Special protective equipment and precautions for fire-fighters: On heating, there is a risk of bursting due to internal pressure build-up. Cool down the containers exposed to heat with a water spray. Use shielding to protect from bursting cans. Positive pressure self-contained breathing apparatus (SCBA) and structural fire-fighters protective clothing. Do not attempt to take action without suitable protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Eliminate all ignition sources. Ventilate area. Wear suitable protective clothing. Avoid contact with eyes, skin and clothing.

Methods and material for containment and cleaning up: Take up liquid spill into absorbent material. Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Absorb and/or contain spill with inert material, then place in suitable container. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

7. Handling and storage

Precautions for safe handling: Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Unplug electrical tools, motors, and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances, or any other source of electricity. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid contact with eyes, skin and clothing. Wash hands with water and soap.

Storage conditions: Store away from strong oxidizers, strong bases, strong acids. Protect from sunlight. Store in a well-ventilated place. Store in a cool, well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up.

8. Exposure controls/personal protection

| Exposure guidelines: | |
|--|--|
| Distillates (petroleum), hydrotreated heavy paraffinic | 5 mg/m ³ TWA OSHA PEL; 5 mg/m ³ (I - Inhalable particulate matter) TWA ACGIH TLV; |
| Benzenesulfonic acid, di-C10-18-alkyl derivs., calcium salts | None established. |
| Carbon Black | 3.5 mg/m ³ TWA OSHA PEL; 3 mg/m ³ (I - Inhalable particulate matter) TWA ACGIH TLV; |
| Propane | 1800 mg/m ³ TWA OSHA PEL; 1000 ppm TWA OSHA PEL; |

Appropriate engineering controls: Provide local exhaust or general room ventilation. No particular/specific measures required.

Environmental exposure controls: Avoid release to the environment.

Personal protective equipment:

Hand protection: Wear suitable gloves

Eye protection: Use suitable eye protection

Skin and body protection: Wear suitable protective clothing

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and chemical properties

Appearance: Aerosol spray can.

Physical state : Liquid

Odor : Waxy mild

Color : Black

Odor threshold : No data available

| | | | |
|--|--------------------------------|----------------------------------|--|
| pH | : 7.8 | Auto-ignition temperature | : \geq 842 °F propane |
| Melting point | : Not applicable | Decomposition temperature | : No data available |
| Freezing point | : No data available | Viscosity, kinematic | : No data available |
| Boiling point | : No data available | Viscosity, dynamic | : No data available |
| Flash point | : -156 °F Propane | Explosion limits | : Lower explosive limit (LEL): 2.1 vol % Propane Upper explosive limit (UEL): 9.5 vol % Propane |
| Relative evaporation rate (butyl acetate=1) | : No data available | Explosive properties | : None. |
| Flammability (solid, gas) | : Extremely flammable aerosol. | Oxidizing properties | : None. |
| Vapor pressure | : No data available | | |
| Relative vapor density at 20 °C | : No data available | | |
| Relative density | : 0.88 Liquid component | | |
| Solubility | : Insoluble in water. | | |
| Log Pow | : No data available | | |
| VOC content | : < 20 % CARB 310. | | |

10. Stability and reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

Conditions to avoid: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Do not puncture or incinerate containers.

Incompatible materials : Strong acids. Strong bases. Strong oxidizers.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Inhalation: May cause minor irritation to the respiratory tract and to other mucous membranes.

Skin: May cause slight irritation to the skin.

Eyes: May cause minor eye irritation.

Ingestion: Aspiration hazard. Risk of lung edema. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms: None known.

Carcinogenicity: Not classified

Distillates (petroleum),
hydrotreated heavy paraffinic:

This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

Benzenesulfonic acid, di-C10-18-
alkyl derivs., calcium salts:

This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

Carbon Black:

IARC 2B - Possibly carcinogenic to humans; (Carbon black only presents a risk of cancer by inhalation of very fine dust. There is no exposure to respirable carbon black dust in the normal use of this product.)

| | |
|--|--|
| Propane: | This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA. |
| Germ cell mutagenicity: | Not classified |
| Reproductive toxicity: | Not classified |
| Numerical measures of toxicity: | Product does not present an acute toxicity hazard based on known or supplied information. |

The following are the toxicity values for the components:

| | |
|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic: | Oral rat LD50- > 5000 mg/kg; Dermal rat LD50- > 2000 mg/kg body weight; Inhalation rat LC50- > 5000 mg/m ³ ; |
| Benzenesulfonic acid, di-C10-18-alkyl derivs., calcium salts: | No data available |
| Carbon Black: | Oral rat LD50- > 10000 mg/kg; |
| Propane: | No data available |
| Skin corrosion/irritation | Not classified |
| Serious eye damage/irritation | Not classified |
| Respiratory or skin sensitization | Not classified |
| STOT-single exposure | Not classified |
| STOT-repeated exposure | Not classified |

12. Ecological information

Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Ecotoxicity:

Distillates (petroleum), hydrotreated heavy paraffinic 100 mg/L Fish LC50; 10000 ml/l Daphnia EC50

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects:

No data available

13. Disposal considerations

Regional legislation (waste): Dispose of in accordance with applicable federal, state, and local regulations.

14. Transport information

Department of Transportation (DOT)

- Until January 1, 2021:

Proper Shipping Name (DOT) : CONSUMER COMMODITY

Class (DOT) : ORM-D

- After January 1, 2021:

Proper Shipping Name (DOT) : UN 1950, Aerosols, 2.1 Ltd. Qty.

Note: No shipping papers are required for ORM-D or Limited Quantity materials as shipped by ground in the US

Transport by sea

Proper Shipping Name (IMDG) : AEROSOLS
UN-No. (IMDG) : UN1950
Class (IMDG) : 2.1, LTD QTY.
Packing group (IMDG) : Not applicable

Air transport

Proper Shipping Name (IATA) : Aerosols, flammable
UN-No. (IATA) : UN1950
Class (IATA) : 2.1
Packing group (IATA) : Not applicable

Note: Manufacturer recommends product not be shipped by air.

15. Regulatory information

SARA Section 313 - Emission Reporting: Not subject to reporting requirements of the United States SARA Section 313

CERCLA Section 103:

This product is not subject to reporting under CERCLA. However, many states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA 302:

Not applicable

SARA Section 311/312 Hazard Classes: Refer to Section 2 for OSHA Hazard Classification.

California Proposition 65: This product does not require a Proposition 65 warning. Carbon black only presents a risk of cancer by inhalation of very fine dust. There is no exposure to respirable carbon black dust in the normal use of this product. For more information go to www.P65Warnings.ca.gov.

TSCA: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) Inventory.

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

16. Other information

Revision date : 06/16/2020
Supersedes : N/A
SDS Authored by : IHSC LLC.

NOTICE

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.