

Freeman F-Bond Accelerator - Aerosol

Section 1 Identification

Product identifiers

Product name: Freeman F-Bond Accelerator - Aerosol

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Used to accelerate cure time. For industrial use only.

Details of the supplier of the safety data sheet:

Freeman Manufacturing & Supply Company
 1101 Moore Road, Avon, OH 44011-4043 USA
 Telephone: (440) 934-1902
 Email: contactus@freemansupply.com

24-Hour Emergency Number
CHEMTREC: (800) 424-9300

Section 2 Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Serious Eye Damage/Eye Irritation, Category 2A
 Germ Cell Mutagenicity, Category 1B
 Carcinogenicity, Category 1A
 Specific Target Organ Toxicity - Single Exposure (Central nervous system), Category 3

Label elements



Danger

Hazard statements

H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.
 H340 May cause genetic defects.
 H350 May cause cancer.

Precautionary statements

Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing mist. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response: P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3 Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (%)
Acetone	67-64-1	70-90
Propane	74-98-6	20-30
Butane	106-97-8	10-20

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Section 4 First Aid Measures

If inhaled: Move person into fresh air. Keep patient warm and at rest. Consult a physician after significant exposure.
In case of skin contact: Wash off immediately with soap and plenty of water. Get medical assistance if skin irritation develops or persists.
In case of eye contact: Remove contact lenses, if worn. Flush opened eyes thoroughly with water, as well as under the eyelids. Get medical attention.
If swallowed: Call poison control or doctor immediately. Do not induce vomiting unless directed to by a medical professional.
Most important symptoms and effects, both acute and delayed: Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer.

Section 5 Fire-Fighting Measures

Extinguishing media

Suitable: Use alcohol-resistant foam, dry chemical or carbon dioxide

Unsuitable: Water

Hazardous combustion products

No hazardous combustion products known.

Advice for firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Wear self-contained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. Avoid contact with skin and eyes. Ensure adequate ventilation. For personal protection see section 8.

Environmental precautions

Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Ventilate the area. Absorb with liquid binding material. Sweep up and shovel into suitable, closed containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Use with adequate ventilation. Wear personal protective equipment. Do not get on skin or clothing. Keep away from heat and flame.

Conditions for safe storage

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep in a cool, well-ventilated place. Do not store together with oxidizing and self-igniting products.

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Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Ingredient	OSHA		ACGIH	
	TWA	STEL	TWA	STEL
Acetone	750 ppm	1,000 ppm	250 ppm	500 ppm
Propane	1,000 ppm	None established	1,000 ppm	None established
Butane	800 ppm	None established .	1,000 ppm	1,000 ppm

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

Personal protective equipment (PPE)

Eye/face protection: Use safety glasses equipped with side shields. If splashes are likely to occur, wear goggles.

Hand Protection: Use disposable nitrile rubber gloves. Contaminated gloves should be replaced.

Body Protection: Prevent skin contact when handling material.

Respiratory Protection: The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

Safety Stations

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

General Hygienic Practices

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

Section 9 Physical and Chemical Properties

Appearance	Colorless aerosol
Odor	Characteristic solvent
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
Boiling range	No data available
Flash Point	Not applicable
Evaporation rate	No data available
Flammability (solid, gas)	Not classified as a flammability hazard
Upper/lower flammability	No data available
Vapor Pressure	Approximately 50 psig at 10°C
Vapor density	No data available
Density (g/cm³)	0.692
Water Solubility	No data available
Coefficient: n-octanol/water	No data available
Viscosity	No data available

Section 10 Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None known
Conditions to avoid	Heat and open flames.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition	Thermal oxidative decomposition can produce Nitrogen oxides and sulfur oxides

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Section 11 Toxicological Information

Acute toxicity	No data available
Skin corrosion / irritation	No data available.
Eye damage / irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available
Carcinogenicity	IARC/NTP/OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
Reproductive toxicity	No data available.
Specific target organ toxicity	
- single exposure	No data available
- repeated exposure	No data available.
Aspiration hazard	No data available

Section 12 Ecological Information

Ecotoxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	Acetone: Partition coefficient: n-octanol/water: log Pow: -0.24
Mobility in soil	No data available
Results of PBT & vPvB assessment	No data available

Section 13 Disposal Considerations

Do not dispose of together with household waste. Do not dispose of waste into sewer.
 To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended, as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

Section 14 Transport Information

IATA-DGR

UN Number: UN1950
Shipping Name: Aerosols, flammable
Hazard Class: 2.1
Packing Group: Not assigned
Label: Flammable Gas
Packing instruction: 203

IMDG

UN Number: UN1950
Shipping Name: AEROSOLS
Hazard Class: 2.1
Packing Group: Not assigned
Label: 2.1
EmS Code: F-D, S-U
Marine pollutant: No
Packing Instruction: Y203

Section 14 Transport Information

49 CFR

UN Number: UN1950
Shipping Name: AEROSOLS
Hazard Class: 2.1
Packing Group: Not assigned
Label: Flammable Gas
ERG Code: 126
Marine pollutant: No

Section 15 Regulatory Information

US EPA Superfund Amendments and Reauthorization Act (SARA)

SARA 302: This material does not contain any components with a section 302 EHS TPQ.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

California Proposition 65

This product does not contain any chemicals including known to the State of California to cause cancer, birth defects, or any other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Inventories

TSCA (USA), All substances listed as active on the TSCA inventory
DSL (Canada), All components of this product are on the Canadian DSL
AHC (Australia), On the inventory, or in compliance with the inventory
IECSC (China), On the inventory, or in compliance with the inventory

Section 16 Other Information

Disclaimer

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