

Safety Data Sheet

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PRODUCT #: 2010-LF
UPDATED: JAN 07/19

B&F 2010-LF

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURER: Available upon request.
EMERGENCY TEL: (780) 474-5298
PRODUCT NAME: B&F 2010-LF
SYNONYMS: None.

2. HAZARDS IDENTIFICATION

PHYSICAL STATE:	POWDER	HEALTH:	3
COLOUR:	WHITE	PHYSICAL:	3
ODOUR:	NONE	ENVIRONMENTAL:	3

HAZARDS STATEMENTS

Harmful if swallowed or inhaled.
May cause an allergic skin reaction.
May cause severe burns and eye damage.

SIGNAL WORD

Danger.

CARCINOGENITY (ACGIH)

No component of this products present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

POTENTIAL EFFECTS

Inhalation - YES
Skin - YES
Ingestion - YES

GHS LABEL ELEMENTS



ROUTES OF EXPOSURE

Inhalation: No effects are expected.
Skin contact: May cause mild irritation and skin redness.
Eye contact: May cause mild irritation.
Ingestion: May cause severe irritation to gastrointestinal tract.

EFFECTS OF OVER-EXPOSURE

Acute over-exposure: Skin or eye irritation.
Chronic over-exposure: No data available.

3. BASIC INGREDIENTS AND TOXICITY

INGREDIENT(S)	%	CAS #	TOXICITY DATA: LD50, LC50, SPECIES	ACGIH TLV
Sodium Metasilicate	30 to 60	None	Not determined.	10213-79-3
Sodium Carbonate	10 to 30	10 mg/m3	Oral, Rat - 2.8 gm/kg	497-19-8

4. FIRST AID MEASURES

Inhalation:	No effects are expected.
Skin contact:	Wash with soap and water.
Eye contact:	Flush with large volume of water.
Ingestion:	Seek medical attention. If victim is conscious vomiting may be an option.

5. FIRE FIGHTING MEASURES

FLASH POINT (°C) - TTC:	NONE
FLAMMABLE LIMITS IN AIR (% BY VOL):	N/A
AUTO-IGNITION (°C):	N/A

EXTINGUISHING MEDIA:	Use carbon dioxide or chemical foam to extinguish.
SPECIAL PROCEDURES:	Use self-contained respiratory protection in a fire situation.
COMBUSTION PRODUCTS:	Thermal decomposition may produce toxic oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

ACTION FOR SPILL OR RELEASE:	Confine spill. Recover material for disposal, or re-use.
NEUTRALIZING CHEMICALS:	None.
WASTE DISPOSAL:	Transfer to a licensed hazardous waste disposal site.

7. HANDLING AND STORAGE

HANDLING:	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Provide adequate ventilation. Do not take internally. Keep container closed. Do not pressurize, cut, heat or weld containers
STORAGE:	For safe storage, store between 5°C and 30 °C. Keep container tightly closed and in a cool, well-ventilated place.

8. PERSONAL PROTECTION

VENTILATION REQUIREMENTS	None required at normal conditions.
PERSONAL PROTECTIVE EQUIPMENT	
Respiratory:	None required at normal conditions.
Eye:	Goggles.
Gloves:	Rubber or Neoprene.
Other clothing/equipment:	None.

9. PHYSICAL DATA

BOILING POINT (°C):	N/A	pH, 1% SOLUTION	12.4
SPECIFIC GRAVITY (WATER= 1):	N/A	MELTING POINT (°C):	N/A
VAPOUR DENSITY (AIR = 1):	N/A	VAPOUR PRESSURE	N/A
VOLATILES (% BY WEIGHT AT 20°C):	N/A	SOLUBILITY IN WATER (% WEIGHT):	Over 20
FLASH POINT (°C):	None	ODOUR:	None
FLAMMABLE LIMITS IN AIR (% BY VOL):	N/A	AUTO-IGNITION (°C):	N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS TO AVOID	None.
MATERIALS TO AVOID	Acids and oxidizing materials.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY	This material is not classified as carcinogenic.
MUTAGENICITY	Tests in animals have been negative or inconclusive.
TERATOGENICITY	No effects expected.

12. ECOLOGICAL INFORMATION

Not Available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Transfer to a licensed hazardous waste disposal site.

14. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
HAZARD CLASS: 8
UN NUMBER: 3262
PACKING GROUP: III
DOT REPORTABLE QTY: 500 KG

15. REGULATORY INFORMATION

NFPA HAZARD CODES: HEALTH - 1 FIRE - 0 REACTIVITY - 1