

**U.S. DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
MATERIAL SAFETY DATA SHEET**

SECTION I

DISTRIBUTOR'S NAME: SUNSTAR AMERICAS, INC.	EMERGENCY PHONE #: ILLINOIS POISON CENTER 800-752-7869 EXT. 12
ADDRESS: 4635 W. FOSTER AVE. CHICAGO, IL, 60630	
CHEMICAL NAME & SYNONYMS: MIXTURE	TRADE NAME & SYNONYMS: BUTLER APF FLUORIDE FOAM PART#1215S, 1215L, 1215G
CHEMICAL FAMILY: MIXTURE	FORMULA: MIXTURE

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIONS AND SOLVENTS: NOT APPLICABLE	TLV UNITS: NOT APPLICABLE
ALLOYS AND METALLIC COATING: NOT APPLICABLE	TLV UNITS: NOT APPLICABLE
PIGMENTS: NOT APPLICABLE	BASE METAL: NOT APPLICABLE
CATALYST: NOT APPLICABLE	ALLOYDS: NOT APPLICABLE
VEHICLE: NOT APPLICABLE	METALLIC COATINGS: NOT APPLICABLE
SOLVENTS: NOT APPLICABLE	FILLER METAL PLUS COATING: NOT APPLICABLE
ADDITIVES: NOT APPLICABLE	CORE FLUX: NOT APPLICABLE
OTHERS: SODIUM FLUORIDE CAS #7681-49-4 2.50% WW	OTHERS: HYDROFLUORIC ACID CAS#7664-39-3 0.22% WW
HAZARDOUS MIXTURES OR OTHER LIQUID, SOLIDS OR GASES:	

SECTION III - PHYSICAL DATA

BOILING POINT (F): NOT APPLICABLE	SPECIFIC GRAVITY (H ₂ O-1): 1.05
VAPOR PRESSURE (MMHG): NOT APPLICABLE	PERCENT, VOLATILE BY VOLUME(%): NOT APPLICABLE
VAPOR DENSITY (AIR-1): NOT APPLICABLE	EVAPORATION RATE (____-1): NOT APPLICABLE
SOLUBILITY IN WATER: COMPLETE	APPEARANCE AND ODOR: CHARACTERISTIC ODOR/FLAVOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NOT APPLICABLE	FLAMMABLE LIMITED: NOT APPLICABLE
EXTINGUISHING MEDIA: NOT APPLICABLE	
SPECIAL FIRE FIGHTING PROCEDURES: DOES NOT APPLY	UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT APPLICABLE
EFFECTS OF OVER EXPOSURE: DOES NOT APPLY
EMERGENCY & FIRST AID PROCEDURES: EYS- FLUSH WITH WATER, SEEK MEDICAL ATTENTION' PRODUCT HAS ACIDIC pH
SKIN - FLUSH WELL WITH WATER: INGESTION IF LARGE QUANTITY - INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE _____	INCOMPATIBILITY (MATERIAL TO AVOID): NOT AVAILABLE
STABLE <input checked="" type="checkbox"/>	HAZARDOUS DECOMPOSITION PRODUCTS: NOT AVAILABLE
HAZARDOUS POLYMERIZATION: MAY OCCUR _____ WILL NOT OCCUR <input checked="" type="checkbox"/>	CONDITIONS TO AVOID: NONE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: RINSE AREA WELL WITH WATER
SPECIFIC WASTE DISPOSAL METHOD: LOCAL WASTE DISPOSAL METHODS APPLY

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPED): NOT APPLICABLE	PROTECTIVE GLOVES: SHOULD BE WORN
EYE PROTECTION: RECOMMENDED	
VENTILATION: LOCAL EXHAUST SPECIAL: NOT APPLICABLE MECHANICAL (GENERAL): NOT APPLICABLE OTHER: NONE	

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE AT NORMAL ROOM TEMP. PROTECT FROM FREEZING
OTHER PRECAUTIONS: NONE