

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

**SECTION I**

MANUFACTURER'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 TOPICAL GEL
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	ALLOYS: 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 2.60% W/W	OTHERS: HYDROFLUORIC ACID CAS #7664-39-3 0.17% W/W
HAZARDOUS MIXTURES OR OTHER LIQUID, SOLIDS OR GASES: NOT APPLICABLE	

**SECTION III - PHYSICAL DATA**

BOILING POINT (F): NOT APPLICABLE	SPECIFIC GRAVITY (H <sub>2</sub> O-1): 1.25
VAPOR PRESSURE (MMHG): NEGLIGIBLE	PERCENT, VOLATILE BY VOLUME(%): NOT AVAILABLE
VAPOR DENSITY (AIR-1): NOT APPLICABLE	EVAPORATION RATE (____-1): NOT AVAILABLE
SOLUBILITY IN WATER: COMPLETE	APPEARANCE AND ODOR: GEL WITH CHARACTERISTIC FLAVOR AND COLOR

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): NOT AVAILABLE	FLAMMABLE LIMITED: NOT AVAILABLE
EXTINGUISHING MEDIA: NOT AVAILABLE	
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: NOT APPLICABLE	
EMERGENCY & FIRST AID PROCEDURES: EYE / SKIN - FLUSH WITH WATER, SEEK MEDICAL ATTENTION; PRODUCT HAS ACIDIC pH SKIN - FLUSH WELL WITH WATER; INGESTION - INDUCE VOMITING, CALL PHYSICIAN IMMEDIATELY	

**SECTION VI - REACTIVITY DATA**

STABILITY: UNSTABLE _____	INCOMPATIBILITY (MATERIAL TO AVOID): NOT APPLICABLE
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: DILUTE WITH WATER AND DETERGENT FOR CLEAN UP
SPECIFIC WASTE DISPOSAL METHOD: LOCAL WASTE DISPOSAL METHODS APPLY

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (SPECIFY TYPED): NONE	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 IN ROOM TEMP	OTHER PRECAUTIONS: NONE
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