

CONAIR Corporation

CODE: 22-27

(FX805) CAP 8

MATERIAL SAFETY DATA SHEET

SECTION 01 - IDENTIFICATION

Manufacturer's Name
CONAIR CORPORATION

Emergency Telephone Number
1-800-7-CONAIR

Address (Number, Street, City, State, and Zip)

1 CUMMINGS POINT ROAD
STAMFORD, CT
06904

Telephone Number for Information
1-800-7-CONAIR

Date Prepared:
03/12/2002

Signature of Preparer (optional):

SHAVER CLIPPER SAVER

SECTION 02 - PHYSICAL & HEALTH HAZARD INGREDIENTS

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% OPTIONAL
HYDROFLUOROCARBON 152A CAS# 75-37-6	1000 PPM			
ACETONE CAS# 67-64-1	1000 PPM			
SD ALCOHOL 40 CAS# 64-17-5	1000 PPM			
BUTANE CAS # 75-28-5	1000 PPM			

SECTION 03 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H2O = 1)	0.832 CONCENTRA
Vapor Pressure (mm Hg.)	52 PSIG	Melting Point	N/A
Vapor Density (AIR = 1)	<1	Evaporation Rate (Butyl Acetate = 1)	> 1
Solubility	COMPLETE		
Appearance and Odor	CLEAR, AMBER LIQUID, FRAGRANT ACETONE ODOR		

SECTION 04 - PHYSICAL HAZARD DATA

Flash Point: (Method Used)	Flammable Limits	LEL	UEL
< 20F (FSHA)	N/A		

Extinguishing Media
CO2, WATER, OR ABC ALL-PURPOSE FIRE EXTINGUISHER

Special Fire Fighting Procedures

ADDITION OF WATER FOG WILL AID IN REDUCING BURNING RATE.

Unusual Fire and Explosion Hazards
FLAMMABLE VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND IGNITE BY PILOT LIGHTS, FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC AND OTHER IGNITION SOURCES.

SECTION 05 - REACTIVITY DATA

Unstable		Conditions to avoid	AVOID OPEN FLAME, SPARKS, EXCESSIVE HEAT
Stable	XX		

Incompatibility (Materials to avoid)
N/A

Hazardous Decomposition or Byproducts
N/A

Hazardous Polymerization	May Occur	Conditions to avoid
	Will Not Occur	XX

SECTION 06 - HEALTH HAZARD DATA

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	YES	YES	

Health Hazards (Acute and Chronic)
N/A

Carcinogenicity: N/A	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure
TEARING, BURNING, POSSIBLE EYE IRRITATION, HEADACHE OR FATIGUE

Medical Conditions Generally Aggravated by Exposure
N/A

Emergency and First Aid Procedures
INDUCE VOMITING, CONTACT A PHYSICIAN

SECTION 07 - OCCUPATIONAL CONTROL PROCEDURES

Steps to be taken in case material is released or spilled

MOP UP AND RINSE THOROUGHLY WITH WATER

Waste Disposal Method

IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS

Precautions to be taken in handling and storing

AVOID OPEN FLAMES, SPARKS, OR EXCESSIVE HEAT

Other Precautions

AEROSOL CLASSIFICATION LEVEL 2

SECTION 08 - PRECAUTIONS FOR SAFE HANDLING STORAGE AND USE

Respiratory Protection (Specify Type) **DUST/VAPOR MASK, AIR SUPPLIED MASK IN CONFINED AREA**

Ventilation	Local Exhaust	YES	Special
	Mechanical (General)		Other

Protective Gloves **MAY BE WORN** Eye Protection **SAFETY GLASSES OR GOGGLES**

Other Protective Clothing or Equipment

N/A

Work Hygienic Practices

ACCORDING TO GMP, FDA STANDARDS

Lotus.MSDS

CAP 84665

CONAIR CORPORATION
205 SHELDON DRIVE
RANTOUL, IL 61866

R&D PROJECT SPECIFICATIONS SHEET (TENTATIVE)

PRODUCT: SHAVER / CLIPPER SPRAY

FORMULA CODE: 12-26(c)

SIZE: 11.0 NET OUNCE

PART#FORMULA

	<u>%</u>	<u>SUPPLIER</u>
ISOPROPYL ALCOHOL 99%	23.00	CHOICE
SF 1188A FLUID	1.50	GENERAL ELECTRIC
FRAGRANCE 80759	.50	AFF, INC.
1691 PROPELLANT NP-61	75.00	CHOICE

FILL WEIGHT: 11.2 ACT OZ. (317.5 GRAMS) - MAXIMUM SAFE FILL FOR
211 X 713 CAN

CONCENTRATE 79.4 GRAMS
PROPELLANT 238.1 GRAMS

VACUUM: 10" MINIMUM

CAN:

CROWN, CORK, AND SEAL
211 X 713 NECKED-IN
SINGLE LINED
INSIDE SIDE SEAM STRIPE

VALVE:

PRECISION VALVE COMPANY
.020 STEM S-90
BUNA GASKET S-90
.025 BODY S-90 X .020 VAPOR TAP
SS SPRING
MOUNTING CUP - CONICAL, EPON TOP & BOTTOM, DIMPLED, PE SLEEVE
STD. ID DIP TUBE - 8 12/32" LENGTH

BUTTON: (MOUNTED ON)

PRECISION VALVE COMPANY
.025 MB AQUA BOF
#21-8526

INGREDIENT LISTING

NOT APPLICABLE

PROCESSING INSTRUCTIONS

1. ADD SF 1188 FLUID AND FRAGRANCE TO IPA UNDER GOOD ADJITATION.
MIX 15 MINUTES.

TYPICAL 25 C CONCENTRATE DATA

CLEAR, LIGHT YELLOW
SP. GRAV. - .796
SOLIDS - 5.65%

TYPICAL 70 F AEROSOL DATA

PRESSURE - 66 PSIG

PATTERN @ 6" - 1.5"

DELIVERY RATE - .56 G/SEC

TOTAL DELIVERY - 311.9 GRAMS MINIMUM

RESIDUAL - 5.6 GRAMS MAX

FLAME EXTENSION - 15"

Ingredient Listing

N-Butane

Propane

Isopropyl Alcohol

Isobutane

Dimethicone Copolyol

Fragrance.

VOC Content

98%