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# MATERIAL SAFETY DATA SHEET

## EXCLUSIVE FRAGRANCE EXTENDED

### SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION  
HMIS

WHMIS CLASS B2, D-2B  
HEALTH 2, FLAMMABILITY 4, REACTIVITY 1,  
PERSONAL PROTECTION B

CHEMICAL FORMULA  
MOLECULAR WEIGHT

MIXTURE  
NOT APPLICABLE

### SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

ISOPROPANOL  
30-60  
67-63-0  
TWA: 400 CEIL: 500 (PPM) TWA: 900 CEIL: 1225 (MG/M<sup>3</sup>)  
ORAL (LD50) MG/KG: ACUTE: 3600 MG/KG (MOUSE)  
VAPOR(LC50): ACUTE 16970 (PPM) 4 HOURS (RAT)

### SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE  
ODOUR AND APPEARANCE  
ODOUR THRESHOLD (PPM)  
SPECIFIC GRAVITY  
VAPOUR PRESSURE (MM)  
VAPOUR DENSITY (AIR =1)  
EVAPORATION RATE  
BOILING POINT (°C)  
FREEZING POINT (°C)  
SOLUBILITY IN WATER (20°C)  
% VOLATILE (BY VOL.)  
PH

LIQUID  
APPLE ODOUR, CLEAR LIQUID  
NOT AVAILABLE  
0.90  
NOT DETERMINED  
NOT DETERMINED  
NOT DETERMINED  
NOT DETERMINED  
NOT DETERMINED  
SOLUBLE  
NOT DETERMINED  
6.8-7.0

### SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY  
MEANS OF EXTINCTION

FLAMMABLE  
FLAMMABLE LIQUID, USE CO<sub>2</sub>, ALCOHOL FOAM AND  
DRY CHEMICAL. COOL CONTAINING VESSELS WITH  
WATER JET IN ORDER TO PREVENT PRESSURE BUILD-  
UP, AUTO IGNITION OR EXPLOSION.

SPECIAL PROCEDURES	A SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT. MOVE CONTAINING VESSELS FROM FIRE IF WITHOUT RISK.
FLASHPOINT (°C) AND METHOD	CLEVELAND OPEN CUP: 29° C (84° F) (ISOPROPYL ALCOHOL)
UPPER EXPLOSION LIMIT (% BY VOL.)	UPPER: 12% (ISOPROPYL ALCOHOL)
LOWER EXPLOSION LIMIT (% BY VOL.)	LOWER: 2%
HAZARDOUS COMBUSTION PRODUCTS	CO, CO <sub>2</sub>
EXPLOSION SENSITIVITY TO CHEM. IMPACT	NOT AVAILABLE

#### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	AVOID STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS	NOT AVAILABLE

#### SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N	Y
ROUTE OF ENTRY EYE CONTACT Y/N	Y
ROUTE OF ENTRY INHALATION Y/N	Y
ROUTE OF ENTRY INGESTION Y/N	Y
EFFECTS OF ACUTE EXPOSURE	INHALATION OF THE SPRAY MIST MAY PRODUCE IRRITATION OF RESPIRATORY TRACT. HARMFUL OR FATAL IF SWALLOWED. SLIGHTLY DANGEROUS TO DANGEROUS IN CASE OF SKIN CONTACT (IRRITANT), OF EYE CONTACT (IRRITANT).
EFFECTS OF CHRONIC EXPOSURE	PROLONGED OR REPEATED EXPOSURE CAN CAUSE DRYING, DEFATTING AND DERMATITIS.
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENICITY Y/N	N
MUTAGENICITY Y/N	N

#### SECTION 7 PREVENTIVE MEASURES

GLOVES	IMPERVIOUS GLOVES
EYEWEAR	SAFETY GLASSES
FOOTWEAR	AS REQUIRED BY EMPLOYER CODE
CLOTHING	AS REQUIRED BY EMPLOYER CODE
ENGINEERING CONTROLS	GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.
LEAK AND SPILL PROCEDURE	ABSORB WITH DRY EARTH, SAND OR OTHER NON-COMBUSTIBLE MATERIAL. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE AND DISPOSE OF ACCORDING TO LOCAL AND REGIONAL AUTHORITY REQUIREMENTS.
WASTE DISPOSAL	CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.
STORAGE REQUIREMENTS	STORE IN ORIGINAL CONTAINER AND PROTECT FROM FREEZING, AWAY FROM INCOMPATIBLE MATERIALS. STORE IN A DRY, COOL AND WELL VENTILATED AREA. ENSURE STORAGE AREA HAS ADEQUATE VENTILATION AND NO SOURCE OF OPEN FLAME OR SPARK.

**SECTION 8 FIRST AID MEASURES**

SKIN	FLUSH WITH WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
EYE	IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
INHALATION	REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. HAVE CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER OR MILK. SEEK MEDICAL ATTENTION IMMEDIATELY.

*VALIDATED BY YORK CHEMICAL TECHNOLOGIES INC  
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